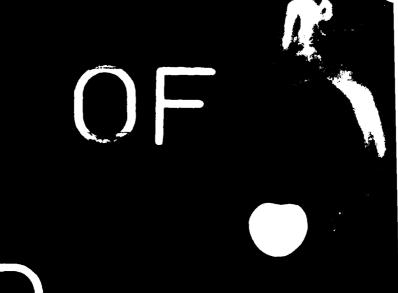
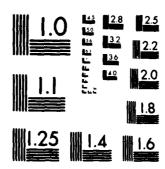
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 BERGSTROM AFB. AUSTIN. TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U) AD-A110 243 AUG 81 USAFETAC/DS-81/088 UNCLASSIFIED 581-AD-E850 126 NL



10243



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1963 A.

PHOTOGRAPH THIS SHEET AD-E850/20 ATTENTION: Camera Operator When Filming attached document use Bell & Howell camera ONLY::: AD A 1110243 DTIC ACCESSION NUMBER LEVEL Consult with Supervisor for further instructions. USAFETAC/Z 5-81/088 DOCUMENT IDENTIFICATION 21 Aug. 81 DISTRIBUTION STATEMENT A Approved for public releases Distribution Unlimited DISTRIBUTION STATEMENT **ACCESSION FOR** NTIS **GRA&I** DTIC TAB UNANNOUNCED **JUSTIFICATION** BY D DISTRIBUTION / AVAILABILITY CODES AVAIL AND/OR SPECIAL DATE ACCESSIONED DISTRIBUTION STAMP 01 19 02 168 DATE RECEIVED IN DTIC PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2 **DOCUMENT PROCESSING SHEET**

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AD A110243

DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

527

BERGSTROM AFB TX WEAN #13904 N 30 12 W 097 40 FLD ELEV 541 FT BSM WMO #

PARTS A-F

POR FROM HOURLY OBS: DEC 66 - JUL 70, AUG 72 - NOV 60
POR FROM DAILY OBS: OCT 42 - FEB 46, OCT 46 - NOV 60

TIME CONVERSION GMT 10 LST: -0

AUG 2 1 1981

THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DIS. ASHEVILLE, N. C. TRIBUTION IS UNLIMITED."

#59-4430

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This technical report has been reviewed and is approved for publication.

WAYNE E. MCCOLLOM, Chief

Technical Information Section USAFETAC/TST

FOR THE COMMANDER

WALTER S RURGMANN

AWS Scientific and technical Information Officer (STINFO)

SECONT TO CENSSIFICATION OF THIS PAGE (WINDS		<u> </u>
REPORT DOCUMENTATI	ON PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
REPORT NUMBER	2. GOVT ACCESSIO	
USAFETAC/DS- 81/088	AD-AUD 2	042
. TITLE (and Subtitle)		5. TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surfa	ace Weather	Final rept.
Observations (RUSSWO)-Bergstro	om AFB, Austin	ì, <u> </u>
Texas		6. PERFORMING ORG. REPORT NUMBER
AUTHOR's)		8. CONTRACT OR GRANT NUMBER(#)
	•	
DERFORMING ORGANIZATION NAME AND ADDIUSAFETAC/OL-A	RESS	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
Air Force Environmental Technica	al Appl. Center	
Scott AFB IL 62225	, ,	į.
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USAFETAC/CBD		21 AUG 81
Air Weather Service (MAC) Scott AFB IL 62225		13. NUMBER OF PAGES
4 MONITORING AGENCY NAME & ADDRESS(If di	Herent from Controlling Of	fice) 15. SECURITY CLASS. (of this report)
TO THE POLICE HAVE TO RESERVE	•	UNCLASSIFIED
		150. DECLASSIFICATION DOWNGRADING SCHEDULE
7 DISTRIBUTION STATEMENT (of the abatract en	tered in Block 20, If differ	ent from Report)
8 SUPPLEMENTARY NOTES		
*RUSSWO Baily temporal Extreme sn	ow depth	Extreme surface winds
Climatology Sea-level Surface Winds Extreme ter		Psychrometeric summary Ceiling versus visibility
Relative Humidity *Climatolog		(over)
· · · · · · · · · · · · · · · · · · ·		of surface weather observations
It contains the following parts (B) Precipitation, Snowfall and (C) Surface winds; (D) Ceiling	: (A) Weather Co Snow Depth (dai versus Visibilit nimum temperatur	enditions; Atmospheric Phenomena; ly amounts and extreme values); ey; Sky Cover; (E) Psychrometric es, extreme maximum and minimum

temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

- 19. Percentage frenquency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 - *Texas Bergstrom AFB, Texas
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hour, y observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

isily diservations are selected from all data recorded on reporting forms and combined into Summary of the lay observations. (Selected From record-special, rocal, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

recently each section is a trief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Sertices and some foreign stations using similar reporting practices.

Thread otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D. CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diarnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations:

MISSING HOUR GROUPS

Community sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

ACTUAL Y	APRIL	JULY	OCTOBER
e isusis UAJs Y	MA Y	AUGUST	NOVEMBER
-AAi- ∈H	JUNE	SEPTEMBER	DECEMBER

		· · · · · · · · · · · · · · · · · · ·					e e e yazurdani is	*********	in amountable	
STATION N	O. ON SUMMARY	STATION NAME		LATITU	OE 30	LONGITUDE	FIELD ELEV. (FT.) CALL S	IGN	WMO NUMPER
139	904	Bergstrom AFB Texas		N 30	12	W 097 40	541	BS	M	
		STATION LOCATION	ON A	ND IN	STRU	JMENT	TATION	HIST	ORY	
NUMBER OF			TYPE	AT THIS LO	CATION			ELEVATIO	N ABOYE MSL	085
LOCATION		GEOGRAPHICAL LOCATION & NAME	OF STATION	FROM	TO	LATITUDE	LONGITUDE	FIELD (FT)	HT. BARO.	PER DAT
1	Rerastr	om Field Texas	AAF	Oct 42	Dec 47	N 30 12	W 097 40	504	506	24
2	-	om AFB Texas	AFB	Jan 48	Jun 50	Same	Same	Same	Same	24
3	Same		Same	Jul 50	Feb 54	Same	Same	533	507	24
4	Same		Same	Mar 54	Feb 55	Same	Same	522	Same	24
5	Same		Same	Mar 55	Feb 59	Same	Same	533	Same	24
6	Same		Same	Mar 59	Jul 72	Same	Same	541	Same	24
7	Same		Same	Aug 72	May 81	Same	Same	Same	Same	24
NUMBER OF	DATE OF	SURFACE WIND	EQUIPMENT I							
LOCATION	CHANGE	LOCATION		TYPE OF TRANSMITTE	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. AUG	ITTIONAL EQUIP	MERI, OR KEA	ISON FOR CHANGE
1	Oct 42to	Not available.		Anemomet	er N/A	N/A				
2	Dec 47 Jan 48to	Not available.		Selsyn	ML144	N/A				
3	Jun 50 Jul 50to	Located on top of Control	Tower.	Same	Same	65 ft				
4	Jul 56 Mar 59to		nt of 3	Same	Same	10 ft				
5	Feb 61 Mar 61to			Same	Same	10 ft				
6	Jul 62 Aug 62to Feb 65	Rnwy 35R, 500 ft E of Rnw 1. Located 800 ft N of S 35R, 500 ft E of Rnwy 35R	end of	Same	Same	20 ft				
							1			

0-19 (OL A) CONTINUED ON REVERSE SIDE



USAFETAC

IBER	DATE	SURFACE WIND EQUIPMENT INF	ORMATION			
ATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOYE CROUND	REMARKS. ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
	Mar 65to Feb 69	 Located 800 ft W of Rnwy 17R, 1500 ft S of N end of rnwy 17R. Same Located 107 ft W of Rnwy 17R, 1500 ft S of N end of Rnwy 17R. 	Same	Same Same	13 ft Same Same	
3	Mar 69to Jun 70	 Located 800 ft N of S end of Rnwy 35L, 1500 ft E of Rnwy 35L. Located 1502 ft S of N end of 	Same Same	RO-362	Same Same	
,	Jul 70to Jul 72	Rnwy 17R, 800 ft W of Rnwy 17R. 1. Located 800 ft from center- line, 1710 ft from end of Rnwy 171 2. Located 500 ft from center-	AN/GMQ-20 Same) Same	Same Same	
ιο	Aug 72to May 81	line, 950 ft from end of Rnwy 35R Same		Same	Same	
i						



U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By mouth, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1



Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.



CLOMAL CLIMATOLOGY BRANCH 1 AFETAC 41 AEATHER SERVICE/MAC

WEATHER CONDITIONS

1 4	BERGSTROM AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF VEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	50-52	•2	12.0	1.6	• 6		14.1	18.7	.9			18.9	₹3(,
	3-35	• 6	13.1	1.6	• 9		15.2	2 2.7	. 8			23.2	930
	ບ 6− ີຄ	• 3	14.0	1.1	• 2		15.1	27.3	1.6		•1	28 • 1	930
	9-11	. 4	12.5	• 3	1.		13.7	25.4	3.1		•2	27.7	930
	12-14		14.8	• 2	• 5		11.5	15.9	2.6			12.2	~ 3G
	15-17		lu.6	• 2	• 3		11.2	12.6	3 • 1		•2	15.7	930
	18-2%	• 3	12.5	.9	• 9		14.0	14.1	2.0			16.0	937
·	21-23	•6	11.9	1.0	• 6		13.2	15.3	1.5		• 1	16.7	936
													
TOTALS		• 3	12.2	. 9	• 6		13.5	19	2.5		• 1	2 .6	744:

USAFETAC POIM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



ci.

CLEFAL CLIMATOLOGY SRANCH DEAL TAC AT ALATHER SERVICEMAC

WEATHER CONDITIONS

-	STATIO	= [R 6 5	, 1	F 0	 Δ	+		Y. TÖN	_
		_					_	 _		

69-70,73-80

STATION NAME

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FLE	JO-32	•6	11.1	. 4			11.5	14.9	• 8		• 7	12	>4€
	03-05		14.2	•2	• 5		14.7	82.1	٤.		• 1	22.9	5 4 č.
	6-03	• 7	15.1	• 2:	• 2		15.8	27.5	2.4		• 4	29.6	846
	9-11	8.	12.5	•6	• 6	• 1	13.0	22.2	4.8		• 4	26.4	-46
	12-14	• 7	9.7	• 5	• 5		1 4	11.1	3.7			14.1	946
	15-17		7.9	. 5	•1	• 1	5.7	8 • 2	1.8		• 1	1	- 46
	18-20	• 1	7.0	.6	• 2		7.8	7.7	2.6		.7	15.9	: 4 ó
	1-23	• 5	5.9	• 5	• 4	• 2	6.9	7.2	2.0		• 7	9.9	F 4 E
													
TOTALS		.4	10.4	•5	• 3	• 1	11.2	15.1	2.4		.4	17.5	6768

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



SEURAL CLIMATOLOGY BRANCH OF AFETAC AT "EATHER SERVICE/MAC

WEATHER CONDITIONS

1 4 BERCSTROM AFS TX
STATION STATION NAME

69-70,73-80

мд≎

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	JC-02	1.7	9.2				9.2	13.2	. 4		•5	13.8	930
	33-35	1.2	12.0				12.6	16.0	•5		• 5	17.1	930
	6-38	1.5	12.6				12.6	25.1	3.5		1.0	28.9	930
	9-11	. 4	19		• 2		13.9	17.8	4.0		1.1	22.5	930
	12-14	• 5	4.1				6.1	8 • 4	3.5		• 4	11.6	930
	15-17	• 8	6 • ^		• 1	• 2	6.3	5.7	3.2		• 3	ã • 3	930
	13-2	• 3	5.2				5.2	6.1	3.3		.8	8.8	930
	21-23	1.6	7.3			• 1	7.3	7.4	1.1		•8	8.7	930
TOTALS	<u> </u>	1.0	ä.9	<u> </u>	•_0	٠.٥	8.9	12.5	2.5		• 7	15.0	7440

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLUBAL CLIMATCLOGY PRANCH L'AFLTAC ALE REATHER SERVICE/MAC

WEATHER CONDITIONS

1 , 4

BERGSTROM AFB TX
STATION NAME:

69-70,73-80

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1 P P	00-02	2.4	8.2				3.2	11.6	•1		•6	12.1	900
	ნ3 - 05	1.9	10.1				10.1	21.4	• 3		• 3	21.9	9.0
· 	⊌6 <i>-</i> 08	2.9	14.3				14.3	33.0	7.4		.1	37.6	900
	:9-11	1.8	9.8				9.8	13.1	3.7		. 3	21.2	900
	12-14	1.1	7.1				7.1	6 • 3	4.4		•1	15.9	900
	15-17	1.7	6.1				6.1	5.7	2.9		• 3	c•7	900
	18-2.	2.6	4.7				4.7	4.3	2.6		• 2	6.9	o 10
	21-23	2.2	4.9				4.9	5.1	. 4		•1	5.7	900
	-										·		
] 										
	 												
TOTALS		2.1	8.2				8.2	12.6	3.4		• 3	15.6	7200

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



2.

SUBBAL CLIMATOLOGY BRANCH deafetac ALL REATHER SERVICE/MAC

WEATHER CONDITIONS

1 STATION STATION NAME

69-77,73-80

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
VAY	20-12	1.9	5.3				5.3	7.4	1.3		• 2	8.4	930
	03-05	2.3	6.2				6.2	15.8	2.5			17.1	930
	06-08	2.2	7.0				7.0	35.9	9.6			40.2	930
	9-11	. · 3	5.4				5.4	9.2	7.4			14.9	930
	12-14	2.4	4.5			• 1	4.9	1.8	5.5			7 • ù	÷3⁻
	15-17	3.1	6.2				6.2	1.2	4.9			6.0	930
	18-27	4.7	5 • 6				5.6	1.7	4.0		• 1	5.5	930
	21-23	3.3	4.5				4.5	2.9	1.6			4.5	930
·													
TOTALS		2.7	5 • 6			• 6	5.6	9.5	4.6		•0	12.9	7449

USAPETAC PORM 0-10-5(QL A). PREVIOUS EDITIONS OF THIS PORM ARE OSSICUETE



GERBAL CLIMATOLOGY PRANCH USAFETAC ATE MEATHER SERVICE/MAC

WEATHER CONDITIONS

1 374 BERGSTROM AFB TX
STATION STATION NAME

69-70,73-80

JUN

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NUL	0 0- 02	2.0	2.8				2.8	2.3	1.1			3.1	900
	53-05	1.9	3.7				3.7	7.1	2.8			8.6	960
	06-08	.8	3.9				3.9	16.9	13.6			24.4	900
	.9-11	1.2	3.7				3.7	1.7	3.2			4.6	9.0
	12-14	1 • 4	3.6				3.6	8.	1.3			2.1	900
	15-17	1.9	2.8				2.8	• 1	• 3			.4	930
	18-25	1.6	2.5				2.0		• 2			• 2	00،
	21-23	1.6	2.4				2.4	. 8	.6		<u> </u>	1.3	<u>000</u>
													<u>.</u>
TOTALS		1.6	3.1				3.1	3.7	2.9			5.6	7 2 .0

USAFETAC POIM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS POIM ARE OSSOLETE



GLUBAL CLIMATOLOGY BRANCH LUBAFETAC All WFATHER SERVICE/MAC

WEATHER CONDITIONS

1 1 2 , 4 E	ERGSTROM AFB TX	69+7",73+81	Jul
STATION	STATION NAME	YEARS	HTMOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОНТН	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	Ja-02		1.J				1.0	1.4	1.6			2.6	930
	a 3- 95	. 4	2.4				2.4	3.9	3.0			6.1	930
	05-03	•2	3.0				3	12.5	8.2			18.0	930
	69-11	• 9	3 •0				3.0	1.3	3.8			4 • 4	930
	12-14	1.2	3.7				3.7	• 0	2.6			3.2	936
	15-17	2.0	2.9				2.9	. 4	2.0			2.5	930
	18-20	2 • 2	3.5				3.5	• 5	2.0			2 • 6	927
	21-23	.8	2.0				2	• 6	•6			1 • ~	927
			<u> </u>										
TOTALS		1.0	2.7				2.7	2.7	3.0			5.1	7434

USAPETAC $_{AAY.64}^{PORM}$ 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE



EL BRAL CLIMATOLOGY BRANCH USAFETAC ATW WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 = - 34	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	JD-02	• 3	2.0				2.0	• 5	2.3			2.6	930
	ເ.3−95	•2	2.5				2.5	4.5	4.4			6 • 8	930
	U6-08	• 1	3.3				3.3	20.2	17.2			30.2	930
	39-11	• 9	5.3				5 • 3	4 • 3	7.1			15.1	°30
	12-14	1.8	4.5				4.5	1.1	1.6			2.7	930
	15-17	4.0	4.7				4.7	• 3	1.5			1.8	930
	18-2	2.7	2.8				2.8	• 2	2.2			2.4	930
	21-23	1.1	1.9			• 1	1.9		2.2			2.2	930
			 			L					L		
TOTALS		1.4	3.4			•0	3.4	3.9	4 • 8			7.4	7440

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSICIETE



GLUBAL CLIMATOLOGY BRANCH USIFETAC ATH WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 4 BERGSTROM AFE TX
STATION STATIO STATION NAME

69,72-86

SEF

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	ü 0- 32	. 9	5 • fi				5.0	4.6	4.ن		L	7.1	960
	C3~J5	.6	6.3				6.3	11.4	8.3			15.9	900
	66-08	.8	6.4				6.4	36.3	18.2			38.1	900
	L9-11	•2	6.6				6.6	8 • 2	13.7			19.9	900
	12-14	1.2	U • 7				5.7	2 • 4	5.6			7.7	950
	.5-17	2.6	7 • 0				7.3	1.1	4.2			5.3	900
	18-20	2.8	6.4				0.4	2.2	3.4			5.1	960
	.1-23	1.1	4.1		<u></u>		4 • 1	2.8	1.6			3.8	900
TOTALS		1.3	6.1				6.1	7.9	7.4			12.9	720

USAFETAC ANY 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH USAFETAC ATP MEATHER SERVICE/MAC

WEATHER CONDITIONS

1 7 4 SERCSTROM AFS TX

STATION STATION NAME

69,72-80

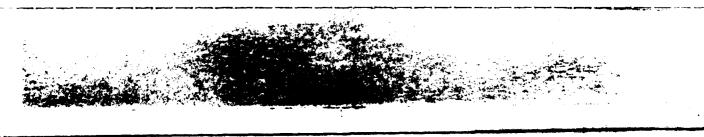
YEARS

OCT HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
067	0 0- 02	1.3	4.6				4.6	6 • 1	1.4			7.0	93 0
 	03-05	.6	5.5				5.5	13.3	2.6			14.9	o 3 G
	ü6-08	• 5	6.2				6.2	24 • 1	7.4			27.7	930
	09-11	1.2	6.9				6.9	10.0	6.7	Į.		15.3	930
	12-14	• 8	5.5				5.5	2.6	2.9		•2	5.7	930
	15-17	. 4	3.8				3 • ô	2.0	2.2			4 • 2	930
	18-20	1.4	5.7				5.7	2.2	.9			2.9	930
	21-23	1.3	5.7				5.7	2.4	•5			2.9	930
			-										· · · · · · · · · · · · · · · · · · ·
ļ													
TOTALS		. 9	5∙ 5				5.5	7.8	3.1		•0	10.1	7440

USAPETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE



GLOBAL CLIMATOLOGY BRANCH LSAFETAC AS NEATHER SERVICE/MAC

WEATHER CONDITIONS

1 - 4 BERGSTROM AFB TX
STATION STATION NAME

69,72-80

NGV

PERCENTAGE FR. JUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR	FREEZING RAIN & /OR DREZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NUV	JO-92	λ•7	8.4		• 6		8 • 4	8.9	1.4			15.3	0.0
	ე 3− 05	1.7	9.3	• 1	. 4		9.6	15.ü	1.9			16.6	900
	56-08	.7	ø.8	• 3	. 4		9.1	23.7	4 • 3			25.6	900
	09-11	• 2	8.4			• 2	8.7	14.1	4.7			17.8	900
	12-14	•1	0 • 3			• 1	6 • 4	5.3	2.1			7.1	9.0
	15-17	• 1	6.3				6.5	4.8	2 • €			6.2	900
	18-25	1.1	6.6		• 2		6.8	4.6	1.2		• 3	5.7	A 9 7
	21-23	.8	7.6		.4	-	7.6	4.8	• 9			5 • 6	897
TOTALS		•8	7.8	•1	• 3	• 3	7.9	10.2	2.3		•0	11.9	7194

USAPETAC POMA 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE



GESSAL CLIMATOLOGY BRANCH ULAFETAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

1 774 SERGSTROM AFB TX
STATION NAME

68-69,72-79

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	3 0- 52	. 4	8.7	•1	_		8.8	13.3	.8		• 3	13.8	930
	ù 3− 35	. 5	10.0	• 3	. 4		10.5	16.2	.5		• 3	16.8	930
	J6-D8	• 1	10.8	• 3			11.1	22•ü	2.4			22.7	930
	U9-11	. 3	9.9			• 1	9.9	19.7	3.7		• 3	22.4	930
	12-14	• 2	5.1				8.1	11.2	3.1			13.1	930
	15-17		7.0	• 3			7.3	9•6	2.4			11.1	930
	18-21	.1	6.2	•2			6 • 5	9.6	1.3			10.1	930
	21-23	•2	7.2	۵•			8.0	11.0	•1		• 1	11.1	930
				-									
	-												
TOTALS		• 2	8.5	. 3	.1	• 0	8.8	14.1	1 • 8		•1	15.1	7440

USAPETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH ASATHER SERVICE/MAC

WEATHER CONDITIONS

1 4	BERGSTROM AFB TX	68-70,72-80	ALL
STATION	STATION NAME	YEARS	HTMOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA'ı	ALL	• 3	12.2	.9	•6		13.5	19.C	2.0		• 1	20.6	7448
FEE		. 4	16.4	• 5	• 3	•1	11.2	15.1	2.4		. 4	17.5	6768
MAR		1.0	8.9		•0	. 8	8.9	12.5	2.5		• 7	15.0	7440
АРР		2 • 1	8.2				8.2	12.6	3.4		• 3	15.6	7200
YAY		2.7	5 • 6			• 3	5.6	9.5	4.6		• 0	12.9	7440
JUN		1.6	3 • 1				3.1	3 • 7	2.9			5.6	7200
JUL		1.8	2.7				2.7	2 • 7	3			5.1	7434
AUG		1 • 4	3.4			•0	3.4	3.9	4.8			7.4	7440
SEP		1.3	6.1				6 • 1	7.9	7.4			12.9	7200
ост		. 9	5.5				5.5	7 • 8	3.1		٥٠	10.1	7440
NOV		•8	7.8	•1	• 3	• 0	7.9	10.2	2.3		•0	11.9	7194
DEC		•2	8.5	. 3	.1	• 0	8 . 8	14.1	1.8		•1	15.1	744C
TOTALS		1 • 1	6.9	• 2	•1	۵۰	7.1	9.9	3.4		• 1	12.5	87636

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE



PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of observation may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949.
 Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.



GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

** WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

1 5 4

BERGSTROM AFB TX

STATION NAME

YEARS

ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.4	43.6	3.9	3.4	• 2	38.6	37.5	8.2	• 1		39.3	1164
FEB		5.3	38.3	2.3	2.8	• 3	36.7	36.0	8 • 2	. 1	• 3	38.2	1043
MAR		8.8	40.6	• 2	• 6	1.2	37.9	32.3	9.5		• 4	35.6	1139
APR		15.9	42.6		• 1	• 5	39.7	35.1	13.9		• 2	38.6	1073
мач		19.0	40.4			1.1	37.2	32.0	15.3		•2	36.5	1111
JUN		14.1	25.8			• 2	23.6	19.7	12.9		•1	24.5	1.80
JUL		11.8	23.2			•1	21.3	10.1	6.7			13.2	1115
AUG		14.5	24.7			• 3	22.7	14.2	11.9			19.6	1116
SEP		14.9	33.4	• 1		• 3	30.7	2 9.2	15.6			33.4	1577
ост		7.8	26.7	•1		• 3	24.3	27.9	11.4			30.7	1161
NOV		5.0	31.8	. 4	1.1	• 2	28.7	30.9	9.8		•1	33.5	1127
DEC		3.4	36.7	.8	• 6	• 1	32.7	31.7	8.6		•1	33.7	1119
TOTALS		10.3	33.7	• 6	• 7	. 4	31.1	28.0	11.0	• 0	.1	31.4	13322

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



. A.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and amount. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

B - 1



NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230CMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

1 3 9 3 4 STATION BERGSTROM AFB TX

STATION NAME

42-80

YEARS

AMOUNTS (INCHES) PERCENT MONTHLY AMOUNTS TOTAL (INCHES) OF DAYS PREC P NONE TRACE .02- 05 .11 - 25 26-.50 2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 06-10 .51-1.00 1.01-2.50 NO. WITH OF MEASUR SNOWFALL NONE TRACE 01.04 0.5-1.4 1.5-2.4 2534 3 5-4 4 4.5-6.4 6.5-10 4 10.5-15.4 15.5-25.4 25.5-50.4 OVER 50.4 OBS. ABLE GREATEST TRACE 7-12 37 - 48 OVER 120 1.96 3.3 7.3 3.5 7.62 56 . 1 | 18 . C: 3.3 4.7 2.5 1.0 25.8 1165 JAN 9ت. 56.9 16.5 2.9 7.1 4.2 4.2 3.3 2.4 2.3 26.6 1054 2.34 7.34 FFR 55.3 23.2 3.3 5.1 3.1 2.8 1.3 • 1 21.5 1146 1.94 5.91 57.1; 18.5 2.6 4 . 8 2.5. 2.9 24.3 1080 3.0612.18 .21 APR . 7 57.0 17.1 3.5 4.7 2.7 3.2 3.3 4.1 3.6 • 1 25.9 1116 4.1013.69 .28 MAY 71.9 9.5 1.5 3.4 3.6 2.9 2.0 2.5 18.6 1080 2.80 9.60 TRACE 2.1 • 6 IUN 74.8 10.7 1.7 2.2 .02 1.6 2.6 3.5 2.1 .6 • 3 14.5 1115 1.48 9.77 JUL 73.7 9.4 1.5 3.0 3.7 2.4 1116 2.29 8.91 TRACE 1.8 2.6 1.3 . 4 16.8 AUG 65.0 10.6 1.7 4.6 2.8 3.7 3.6 1080 3.69 8.82 3.1 . 6 .11 SEP 70.9: 10.0 2.3 3.4 1.3 2.5 19.1 1173 3.0713.08 .00 2.6 2.3 . 8 OCT 65.0 13.9 • 2 . 1 2.8 4.4 2.9 3.2 2.7 3.3 21.1 1127 2.4212.49TRACE 1.6 NOV 1.2 .01 60.9 16.4 2.8 5.0 3.5 4.7 2.6 2.5 . 4 22.6 1113 2.15 5.83 ANNUAL 63.7 14.5 2.6 3.9 2.9 2.0 21.8 1336531.30 2 . 5 2.8 4 . 6

USAFETAC OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TICHAL CLIMATOLOGY HPANCH CLAFSTAG 41 WEATHER SERVICEZMAC

EXTREME VALUES

PRECTITATIO.

(FROM DAILY OBSERVATIONS)

1 4 ETPGSTROM AFE TX
STATION STATION NAME

+2.1

PRADS

TO HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
42										× •71	•62*	• . 9	
4.5	. 31	. 24	1.56	. 34	, ç u	• 36	. 89	• 38	1.99	• 3 ë		•3€	1.9
44	1.69	. 34	-63	. 15	1.45	1.64	.26	1.49	2.46	.23	1.81	2.25	2.4
45	1.63	1.19	1.07	1.08	.57	2.49	1.35	1.73	•66	1.63	.45	1.34	2.4
4.5	.07	± .29	i							•60	* .86		
47	* .61	• 28								# TRACE			
48	• 06	• 55	• 25	.67	2.27		.28	.19	• 5 1	1.65		•28	2.2
4.7	1.15	1.51	1.54	2.04	-13	1.28	.67	• c 5	7 4	1.62		.75	7
3.	* •∴9	1.36	• 67	2 • 3 a	1.52	1.20	. 26	• 35	1.98	. 44		• 71	2.3
5 1	.51	1.28	2.26	•18	1.62	4.95	.02	1.18	1.14	.25		c.	4.9
20	• 4 A	1.55	. 87	1.13	2.17	•53	.73	• 1 5	1.9€	•	3.04	1.15	3.0
53	1.61	1.05	1.51	1.34	.53	2.13	. 3.1	7.66	1.24	7.62	.44	4.61	4 . 8
. 4	• 33	• 8	• 16	r•od	•ed	• ? 8	• 1 á	• 2 7	1 • 1 9	• 3 <u>5</u>		• 3	1 • 1
5.5	• 85	1.75	• 32	• 32	1.79	.59	• 5 5	• 36	1.26			36↓	1.7
5 ó	• 9 5	1.94	• 43	• 6 9	3.23	• r s	• 26	• 55	• 0.7	• 40		1.55	3.2
5.7	- 14	. 99	2.01	3.41	2.86	1.53	. 49	TRACL	7.4	3.36		. 94	3.4
58	1.32	3.90	• 7 d	• 3	1.49	.62	1.19	• 1 2	3.16	1.44		• 34	2.9
59	•05	1.19	• 76	2.26	1.07	2.58	1.00	1.82	2.34	4.23		1.05	4.2
5 5	• 29	1.13	• 7	. 73	. 45	3.49	.95	1.11	.64	4.30	1 -1	• 61	4.3
61	-70	2.21	•50	- 29	1.11	3.24	3,96	• 26	2.27	• 35		. 23	3.5
62	•16	• 45	.62	1.10	1.11	1.17	• 1 5	2.71	3.64	2.67		1.49	3.0
63	- 4 3	?• 1	• 3	2.19	-13	1.62	.20	• 30	. 54	• 40		.57	2.1
54	1.39	.60	1.17	• ? 4	- 6 3	4.32	•13	.57	3.78	3.63		.85	4 • 3
65	4.77	2.23	<u>•5g</u>	1.35	3.32	. 8 4	•3.	1.12	4.56	1.45		2.50	4.7
66	• 28	• • 1	- 73	1.35	1.16	.86	• 56	5.93	1.13			- 37	5.9
67	- 14	- 49	-45	1.12	2.72	TRACE	. 34	.75	1.52	2.21	2.12	1.32	2.7
60	1.74	- 59	- 85	. 73	1.95	1.5	.85	.76	1.65	•13		.68	2 • 2
69	•20	1.16	1.32	4.50	1.62	1.33	•13	3.45	.80	1.39		2.63	<u> 4 • 5</u>
7.C	1.24	1.42	2.48	1.40	3.06	- 1 4	.64	•12	98	.81	TRACE	-51	. • ئ
71 MEAN	• C 1	•90	. 97	• 9 9	. 74	•52	• 31	2,99	1.65	. € 4	1.03	1.52	5
S. D.													
S. D. TOTAL OBS.			+										
IVIAL USS.								1	1			1	

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



GLOBAL CLIMATOLOGY BRANCH USAFLTAC All WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 4 SERGSTROM AFE TX
STATION NAME

42-RD

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	D€C.	ALL MONTHS
7 _	. 98	. 14	• 12	1.04	1.48	1.83	1.13	.7a	.77	1.78	1.20	.19	1.83
7.3	• 9 9	.67	• 9 1	1.29	55	1.32	1.96	1.48	2.31	4.05	. 42	- 43	4 • 1/5
74	1.14	.04	1.08	• 86	8.53	.24	•5€	1.60	. 5 1	1.33	€.70	1.7	8.70
75	-54	1.61	. 28	3.47	3.75	2.00	1.15	1.31	. 84	1.93	•21	1.48	3.75
76	. 44	. 15	2.07	2.71	2.03	.54	.69	•14	2.28	1.70		- 8 5	2.71
77	• 62	1.85	.85	1.81	83.	. 8 5	.07	. 19	.97	1.04	1.23	.17	1.85
7 8	• 45	. 79	.73	1.21	• 98	1.71	. 34	. 30	1.24	• 8 3	3.74	3.26	3.74
79	E 8 •	1.42	• 91	1.51	2.64	. 49	3.11	.68	· E 5	. 43	.48	1.56	3.11
ĉ.	.57	.55	2.55	1.75	1.75	.81	• 0 6	• 74	1.32	•62	1.74		
		+					-						
								-					
-													
MEAN	• 534	1.108	• 9 3 8	1,373	1.731	1.354	. 759	1.094	1.684	1.780	1.232	1.135	3.494
S. D.	845	793	673	982	1.409			1.198		1.231		1.011	1.4.7
TOTAL OBS.	1165	1054	1146	1093	1116	1080	1115	1116	1:8:	1173	1127	1113	133tF

NOTE # CBASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)



95°-41

UL RAL CLIMATOLOGY BRANCH CSAFLIAG AL- WEATHER SERVICE/MAC

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

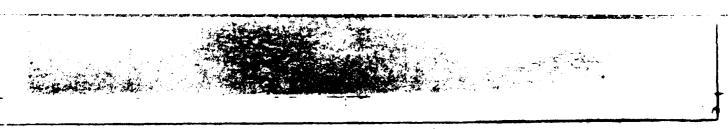
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
42					i		_	_		* 1.3E	•68		
43	• 43	.28		34	3.33		2.11	.66	4.93		1.71	1.33	15.65
44	4.42		2.77	• 21	6.61	2.13	•5€	3.47	4 . 4 5		5 • 32	3.70	30.69
45	2.41	2.67	2.82	3.64	1.10	5.49	1.99	2.26	1.31	3.4	93	20,0	7.
46	3.41		Ì	Ì		1	ĺ			•6 c			l i
47	* 1.08	• 28								TRACE	 		
48	•15	1.57	1.03	1.20	5.00	1.00	• 6 1	. 28	• 5 8	1.24	.99	• 72	13.9
49	4.29	1.71	1.44	5.31	.28	3.39	2.41	1.58	7.28	3.76		-3.11	ا 5 مىر ئى
51.	* 4	3 • 4 3	• 76	6.23	4.26	2.49	• 76	• 43	5.09	. 44	• ^ =	•31	*.5.7
5 l	• 65	2.83	5.46	<u>•52</u>	4.52	5.19	اءناه	1.38	4 . 6 5			بقتف	2003
53	• 8 2	2.39	2.88	4.39	4.75	1.06	1.51	.16	4.34	• " >	5.51	3.1	31.4
5.3	2.13	2.28	2.57	3.17	1.61	2.17	.55	7.95	2.73	5.21	•57.	5.63	33.4
54	• 5 9	. 15	• 25	2.10	1.85	.38	. 36	.63	1.65	1.5€	• 20	. 34	9.9
5.5	1.32	4.15	.45	• 59	3.79	1.83	. 56	.9.,	1.83	.33	1.45	. : (: 3. 9
5 e	1.95	2.44	• 5 3	• 77	4.53	. 16	• 14	1. 9	• 1 1	. 54	1.35	2.34	15.6
5.7	• 5 1	2.72	4.25	12.18	5.92	4.81	.80	TRACE	5.8.	9.00	<u>- [11.</u>	1.54	55.7
58	3.72	7.34	1.87	2.17	4.15	1.76	1.66	. 3 a	4.80	5	1.19	.7.	78.1
59	• 24	2.98	• 11	4.86	2.1	5.52	2.58	5.56	3.33	5.74	1.35	2.11	30.6
6.5	1.01	2.40	1.25	1.65	. 98	6.28	2.36	2.88	. 95	13.18	1.96	7.74	36.5
61	1.8	3.41	• 65	• 24	1.76	9.60	5.82	. 4 5	4 . 4 C	1.18	2.25	57	72.5
62	.69	. 73	. 73	2.34	1.12	4.13	• 16	2.71	6.31	4.46		3.52	70.7
5.3	. 59	2.59	62	2.20	• 32	2.24	• 21	1.30	1.66	.73	1.7:1	1.66	1
64	2.49	1.82	1.98	1.33	1.03	6.99	.25	1.19	6.41	3.74	2.56	9 ¢	51.1
65	5.87	5.16	1.30	2.81	13.69	.89	. 45	2.91	6.02	3.43	2.45	5.14	
66	1.29	2.91	1.61	3.43	4.29	1.27	. 73	8.91	4.27	.57	•11	1.57	32.00
67	.22	1.09	1.01	2.74	4.84	TRACE	.52	1.56	6.50	5.26	3.60	لفتعق	30.59
58	7.62	1.51	2.03	2.57	6.76	4.60	1.18	. 34	3.54	• 37	5.71	1.14	37.6
69	.71	3.85	3.80	7.88	4.76	3.55	•19	7.54	1.64	3.3	2.94	4.34	44.91
7	2.75	4.20	3.68	2.46	6.12	•15	1.18	.25	3.96	2.84	TRACE	•56	27.51
71	•≎2	.95	1.75	1.29	1.39	1.23	.65	7.32	3.89	3.62	2.82	40.7	28.9
MEAN													
\$. D.													
TOTAL OSS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



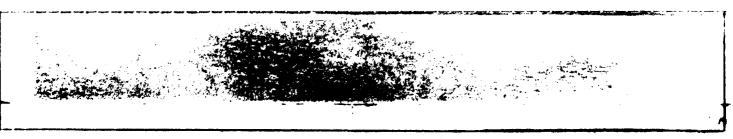
SECTAL CLIMATOLOGY BRANCH LLAFETAC AT- WEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS)

1 4 BERGSTROM AFB TX
STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
7.2	1.89	.35	• 35	1.80	5.33	2.25	× 2.54	7.19	1.95	2.72	3.84	•52	*25.43
73	3.53	2.53	3.26	3.31	- 83	5.93	3.73	2.08	5.48	10.40	.79	.62	42.49
74	3.86	•09	1.35	1.64	10.48	. 30	. 27	7.79	2.02	3.24	12.49	2.34	46.47
75	1.12	2.89	.68	4.35	8.19	4.95	2.15	4.19	1.21	3.46	.48	2.25	35.97
70	.76	.22	5.91	7.97	7.39	. 8 5	3.70	• 3	3.35	6.99	2.71	2.30	42.51
77	2.13	3.31	2.02	5.07	1.04	1.79	• 0.7	• 1 0	1.56	1.62	2.23	.33	21.42
7 8	1.30	2.19	1.01	1.61	2.80	2.78	• 5 5	2.52	4.77	1.22	6.94	3.79	31.48
79	2.46	3.95	3.79	3.36	4.88	1.54	9.77	1.21	1.97	• 4 3	• 30	4.03	36.21
a	1.63	1.66	3.04	2.39	6.53	• 5 4	• 06	1.54	4.14	• 75	3,91		
			·								- 1		• • • • • • • • • • • • • • • • • • • •
	+												
ļ	+	į	ĺ	į							1		
 													
													
		į											
		-				-							
Į.		İ		:							į		
					-								
MEAN								2.289				2.150	31.90
S. D.	1.709				2.969			2.428				1.544	10.607
TOTAL OBS.	1165	NOTE			1116 LESS				10a0	1173	1127	1113	13365



efficient of

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

13904 BERGSTROM AFB TX 42-80
STATION STATION NAME YEARS

ļ						AM	OUNTS (II	HCHES)						PERCENT		MONTHLY AMOUNTS		
PRECIP	NONE	TRACE	.01	.0205	.0610	.11 25	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	1	TOTAL NO.		(INCHES)	
NOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3 4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS				
JAN	96.1	3.0	. 3	. 4	• 2			• 1						.9	1073	.4	5 • 5	• 6
FEB	96.9	2 . 3	. 1	• 2	• 3	•1	• 1							. 8	969	. 5	5.0	• [
MAR	99.2	. 7	1	. 1										• 1	1051	TRACE	• 6	• 0
APR	99.9	• 1													990	TRACE	TRACE	• 0
MAY	100.0														1623	•0	• 0	• 0
JUN	100.3														990	.5	ن .	• :
JUL	100.0		ļ												1022	•0	. 0	• (
AUG	100.0														1023	•0	• 0	• (
SEP	100.0														990	•0	•0	• (
ост	100.0														1065	•0	•0	• 0
NOV	98.8	. 8	• 1	• 2	• 1									. 4	1007	-1	2.0	• 3
DEC	99.3	. 7													992	TRACE	TRACE	• :
ANNUAL	99.2	• 6	•0	• 1	• 0	•0	•0	•0						• 2	12195	1.0	\times	\times

USAFETAC OCT 75 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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LESTAL CLIMATOLOGY BRANCH US SEFFAC ATH ASATHER SERVICE/MAC

EXTREME VALUES

SHOWFALL

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4.													
43								}					
44			1								1		·
45	'												
46	TRACE	* .0				_				• -	*		
47	* .1	• 0	l* • d					ł		¥			
43	TRACE	• 3	TRACE	• ជ	.1	. 0	. 3	• 2	- 5	• •	TRACE	• 4	TRAC
49	5.5	0		• a			• C		اد و	ن و			5.
5	TRACE	• 0			• 0	. 0	ن •	• (•	• 1	• :	• :	TRAC
51	TRACE			• U	• 7			• U		3		ان و	TRAC
5.2		• 3		• ii	• 0	• ਹ	• 5	د ه	• .	• ί	. 5		•
5.3	1.2	• 0		• 14			• 3	• 0			. 0	<u>.</u> . 3	1.
5.4	TRACI	• 0	TPACE	• :	• 0	• u	• 0		• ~	. 3	.:	• 5	TRAC
8.5	• ')	0	1 • 1	4		. d	د و	• 0		ر) و	2.0		2,
55	TRACE	TRACE	•.7	• (• 0	. :	٠.	• 4	•	٠û	و.	• 1.	TRAC
57			• 3				• 4	• 0	• ≎	.0	TRACE	TRACE	TRAC
5 đ	• 1	1.2	• 1	• d	• 0	• 0	ت •	• Ü	• 1	• 0	• 0	• 0	1.
5.9	TRACE			• u	• 0	<u>• û</u>	• C	•ປ			TRACE		TRAC
6'`	• 1	TRACE		• 4	• 0	• 0	ز.	• [• ")	• €	• 3	• :	TRAC
61	. 1	TRACE		• 4	.0	• 0	• 0		ت و	ن. و	• 0	اب و	
52	TRACE			• 4	• 4	- 0	• 0	• C	. :	• 0		• • •	TRAC
6.3	TRACE		TRACE	<u>• q</u>	•0	• 0		. 0	• 0	• 0			1.
64	TRACE	2.1	• 5	• 4	• □	• 4	• 0	• C	• 0	• ü	• 3	TRACE	2 •
65		TRACE		• 1			<u> </u>	• 0	<u>, ü</u>	• €	ي و ر	ن.	
56	TRACE	3.2		• 0	• 0	₽•	• 3	• 0	• ≎	• 8	1	• 3	3 .
67	TRACE	4 . (• 1	<u>• q</u>	• q	• 0	• 0	• 0		• 9			4.
6 ĉ	• 7	• 0		• q	• 9	• 0	• 0	ں .	• 2	• 3	1	• .	TRAC
69	• 1					• 0	<u>د .</u>	<u>, ü</u>	• 3	2•		•C	TRAC
70	TRACE	TRACE		• q	• 0	• 9	• 0	• ≎	• [• 0		• 0	THAC
71	• 0	TRACE	• 1	• 0		ت و	• 0	ن و	• D	يا و			TRAC
MEAN													
S. D.													
TOTAL OSS.			1	1	l	i			. 1		i	1 1	

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



effect of

GLOSAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

1 3 GRESTROM AFB TX
STATION STATION NAME

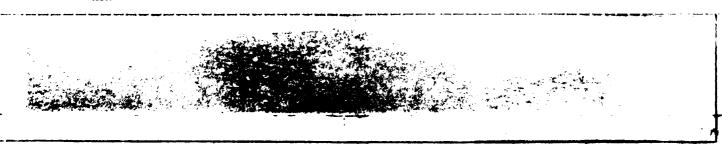
42-80

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
7.2	1.2	• d	• 3	TRACE	• 3	• 0,	× • 0	• £.	• 0	• C	• 3	TRACE	1.5
7.3	1.6	2 • 1	• 0	<u>• G</u>	٠.	2	ن و	۰ ت	• 0	• 0	• 3	• ū	2.1
74	• 4	• ¤	•0	• 0	• 0	. 0	• 0	• 8	• 3	• 0	• G	• 0	• 1
75	. 4	TRACE	.0		• 0		• Ü	• 3	• f.	• [• G		• 6
76	• 1	• 0	· 0	• 9	• 0	• 3	€ د	• 0	٥.	• 3	• 3	• -	• 3
77	TRACE	TRACE		• 0	• 3	•)	• 0	• 5	ن •	ب •	• 0		TRACE
78	TRACE	TRACE	TRACE	• 0	نا •	• 3	• 3	• 2	• 0	• C	• 0	TRACE	TRACE
79	-8	TRACE	•0	• 3	• 0		• 4	• 0	• €	0	TRACE	ن.	• •
30	TRACE	TRACE	•0	• 13	. 0	• 5	•0	•0	• 0	• *	1.4		
			_										
			_										
MEAN	• 352	- 40	•92	TRACL	• 6 C	.00	• 10	• 2 0	• 8 J	• 6.7	•11	TRACE	• ?
S. D.	1.009	.986	•104	•^^0	•000	.000	.300	000	.000	•00L	•420	•000	1.35
TOTAL OBS.	1673	969	1651	997	1023	990	1020	1023	99D	1065	1007	992	1219

USAF ETAC FORM 0-88-5 (OLA)



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CLURAL CLIMATOLOGY BRANCH USAFETAC AIG WEATHER SERVICE/MAC

EXTREMEXVALUES

(FROM DAILY OBSERVATIONS)

1 3 4 SERGSTROM AFB TX
STATION STATION NAME

31.

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	D€C.	ALL MONTHS
42													
43											ļ		
44		İ	ŀ										
45													
46	TRACE	* • 0			İ					• 5	* • G		
47	* • 7		* • • • • •							* <u>• (</u>	70.00	-	
48	TRACE	• 0	TRACE	• 9	• 0	• 3	• ગ	• 0	• (• [• 3	TRAC
45	5 • 5	<u>•</u> g	• 1	<u>• g</u>	0	• U	• 0		• C	<u> </u>	.0	<u>•</u> n	
5	TRACE		• 1	• .3	• :1	• 5	• 3	• U	• €	• 5	۰٤	. ت	TRACE
51	TRACE		TEACE	• •	• 0	<u> </u>	• =	<u>• :</u>	• (<u> </u>	• 0	<u>. D</u>	TRACE
5.2	• C			• ਪੌ	اد •		• 9	ه د	• "	• -	•0	• 0	•
5.3	1.2			<u>• q</u>	• ')	• 0	• 2	• <u>C</u>	• -	<u>• i</u>	<u> </u>	• .3	1.
54	TRACE	• 0		• -	• 0	• (1	اِد •	۵.	• :	• €	• 0	•	TRAC
5.5		• 0	<u>•</u> -		• ೨			• C			2.6		
56	TRACE	1	1	• G	• 0	• 0	• 0	• 4	• 4	• 5	• 5	•	TRAC
57	• 0	.0			<u>• U</u>	0		• C		• 0		TRACE	TRACI
58	• 1	1.2		• 3	• 0	• 9	• -	• •	• ೧	• 5		• 2	1.
59	TRACE			<u>. ū</u>	•]	<u>. U</u>		• C	• 51	• C	TRACE		TRAC
60	• 1	TRACE		٠.	• 0	• □	ن و	• 0	• •	• t.	٠ū	• 3	TRAC
61	• 1			- 4	• G	9	• 0	0	ان و				•
62	TRACE			• 0	• 0	• 5	• 0	• C	• 0	• ℂ		• 3	TRACE
63	TRACE		TRACE	• 3	۵•	• 0		• lı		• iJ		TRACE	1.
64	TRACE		• 0	• 0	• 3		ان ه	• C	• 0	• 0		TRACE	2 • :
65	• 3	TRACE	• 6	• 0	• 0	• 0	• C		• Ç	• 1	٠. ي		
66	TRACE		• 3	ن.	• 0	• 0	نا∙	٠.	• C	٠.٥	•0	ا د .	5.
67	TRACE	4.0		• 0	• 0	• 0	• 0	• 0	• 0	.0		- 5	4
68	• 0		TRACE	• 2	. 3	. 0	• ≎	• 0	• 0	.0	TRACE	• 0	TRACE
69	• 3			a	• 0	. 0	0	_ • ೮	•0		.0		IRACE
70	TRACE	TRACE	•0	•0	• 0	• 9	• 0	• 0	• Ü	•0		• 0	TRACE
7.1	• 0				ن و	ن و	. · · · ·			. 3		0	TRACE
MEAN													
\$. D.													
TOTAL OSS.													

NOTE + (RASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



et a

CE MEAL CLIMATOLOGY BRANCH US AFETAC ALC WEATHER SERVICE/MAC

EXTREME X VALUES

(FROM DAILY OBSERVATIONS)

1 4 BERGSTROM AFB TX
STATION STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
72	1.2	• 0	• •	TOACE	• 0	•	• 3	• 1	•	• 54		TRACE	0 1.2
73	4 • 3	2.3	• 5	<u>. o</u>	0	• 0	• C	_ • L		• 0	• 0 • 0		6.6
74	.7	• 0		• 0	• 0	• 0	• 3	• C	• 0	• 5	• ਹੈ	• 5	
75	. 4	TRACE		• J	• 3	• 0	• 3	• 5	• 0	• C		TRACE	
76	• 0	. 0	• 🗆	• 0	• a	• 1/	• 0	• :	• 6	• 3		• 3	• 3
77 🖠		TRACE		• 3	• 0	• J	•	• 1	• •	• ~	• b	• 1	TRACE
76	TRACE	TRACE	TRACE	• 6	ال •	• 0	• 1	• •	• 51	• 5		TRACE	TRACE
79	• 9	TRACE	• 0	• U	• 0	ا •	• 5.	• 5	• 4	• 6	TRACE	• -	• 9
3.5	TRACE	TRACE	•0	• 13	• 0	ن و	• 3	•	• *	• 0		P	
MEAN S. D.	•40 1•195	•46 1•180			•000	. MG	• 'ব • ৪০০	• 5 • 3 6 0	• 00 • 000	• 0 0 • 100	•13 •473	YRACE •. SC	1.605
TOTAL OSS.	1573	969			1023	595	1022	1523	990	1065	1.07	<u> </u>	12145
TOTAL USB.	• • • • • •		-1	SED ON									

USAF ETAC FORM 0-88-5 (OLA)

est.

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

13994 BERGSTROM AFB TX
STATION STATION NAME

42-80

YEAR!

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	.0205	.0610	.1125	2650	.51.1.00	1:01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20 00		NO.		(INCHES)	
SNCWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5 3 4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	1	OF OBS.	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS				
JAN	97.6	1.6	- 3	• 3	- 1	•2								.8	1178			
FEB	99.0	• 6	. 3			• 2								• 5	1054			
MAR	99.9	. 1			i I	i									1145			
APR	1.6.7]			İ									1096			!
MAY	100.0				!										1116			
אטנ	100.0					i									1080			
າບເ	100.5														1115			
AUG	100.0														1116			
SEP	10.1														1080			
ост	100.0														1161			
NOV	99.8	• 2													1132	_		
DEC	99.8	• 2													1153			
ANNUAL	99.7	• 2	٠.	.0	• 0	.0								• 1	13426			

USAFETAC FORM 0.15.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

42 at

SE MAL CLIMATOLOGY PRANCH BUSFETAC AND WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 5 4 <u>BERGSTROM AFB TY</u>
STATION NAME

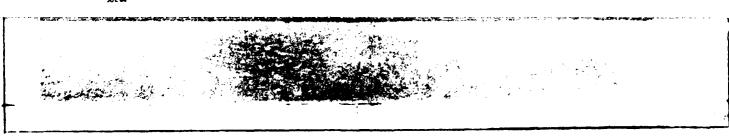
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DAILY SNOW BEPTH IN INCHES

42 43			MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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48	TRACE		TRACE	* i) .) (1	١ .	1 1	1 '	1 5	1 :	TRAC
49 50			!	<u> </u>					·	1		 	
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51 52	TRAC	TRACE	.	<u> </u>					<u>_</u>		1	1 0	TRAC
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54	TRACE		•) :	1	i ų	0	1	1 0	i c	4 4	TRAC
<u> 55</u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ĺ			1	 :	ا ــــــــــــــــــــــــــــــــــــ	
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7 j MEAN			<u> </u>			<u> </u>	·	<u> </u>					
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TOTAL OBS.			 						 	 		 	<u> </u>

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



G. ..

SECRAL CLIMATOLOGY RRANCH USAFETAC AIH- MEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 :- 4 BERGSTROM AFB TX
STATION NAME

42-8ü

YEADS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
7.2		- 1					* -						
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	1		l										
MEAN	-4	- 3	TRACE	•	• 1	• 1	• 3	• 0	•4	• 1	TRACE	TPACL	
S. D.	1.282	1.059		•003	.000	-374	.000	.000	• J 30	•000	•£0a	.:00]	1.5
TOTAL OBS.	1173	1054	1145	1096	1116	ាកខ្ល	1119	1116	1083	1161	1132	1153	134

USAF ETAC FORM 0-88-5 (OLA)

c:

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

13904 BERG

BERGSTROM AFB TX

42-80

YEARS

			_			AM	OUNTS (I	NCPES)						PERCENT		MON	THLY AMO	UNTS
- PREC P	NONE	TRACE	01	02: 05	.06-10	.1125	.26- 50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	1 - 11	TOTAL NO.		(INCHES)	
NOWFALL	NONE	TRACE	01-04	0 5 1 4	1 5-2 4	2534	3 5 4 4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	7	OF OBS.	MEAN	GREATEST	LEAST
SNO W	NONE	TRACE	1 .	2	3	4.6	7-12	13.24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS				
JAN	97.8	1.6	• 3	• 3		. •1		:						• 6	1085	·		
FEB	98.9	. 6	• 3			• 2				1				• 5	969			
MAR	99.9	•1				*									1052			
APR	150.0						•								1007			
MAY	100.0					•	 !				-				1023			
JUN	100.0		•			1									990			-
JUL	100.0				1										1022			-
AUG	100.0		·												1623			
SEP	100.5	:													990			
ост	100.0														1053			
NOV	99.8	• 2													1012			
DEC	99.8	• 2		-											1029			_
NNUAL	99.7	• 2	•0	• C		.0								. 1	12255	~		

USAFETAC FORM 0.15.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AT ASATHER SERVICEZMAC

EXTREME VALUES

CHOR DEPTH

(FROM DAILY OBSERVATIONS)

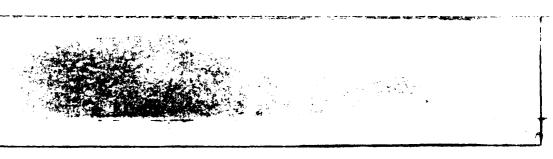
STATION STATION NAME

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	D€ C.	ALL MONTHS
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6		9	3		J	ú		į.	<i>.</i> ,		3.	-	
61	TRACE		11	٤,	J	نَ		í,		0			THAC
52	TRACE		1		0	ü	آن ان	١.	:				FFAC
63	TRACE	TRACE	1			ن		C)				TRACE	TRAC
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S. D.			 						 	 			
TOTAL OBS.		l	L		L					1		1	

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



DECTAE CEIMATOLOGY BRANCH DIAFETAC ALC MEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 7 4 SERCETROM AFE TX
STATION NAME

42-20

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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MEAN	316.2		333.3	342.9	333.3	333.3	342.9	373.0	333.3	333.3	432.4	444.4	764.
\$. D.								21.224					₽ • [6]
TOTAL OBS.	1179	1054 Note			1116				1083	1161	1132	1153	13426

USAF ETAC FORM 0-88-5 (OLA)



ed and the

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk () is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

CERRAL CETMATOLOGY PRANCH L MELTAC AT AZZITHER SERVICEZMAC

EXTREME VALUES

SUPPRACE WINDS

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

EAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
46		S\$E#31							NN	E * 33	S ¥30		
47	Mm #20				ļ								
4 :			WS x 43	SSF 37	NN# 42	SSE 36	ESE 38	-		Æ 38∤	VN F + 43		
47	SSW 34			NNE + 38	WNW 30	41W 69			SE 35NN	E 445	35	SSE 33	
5	NAW 3d	SSE 34	WNM 45	SSF*43	NW #42	N ×37	SE #29	1	N N	(F.*23)	VNE 43	N 43 €	
.1	NNA 42	WWW 45	55 m 448	N 39	Sw 58	NNE 36	ENE 37	55 4 42	SSE 33NN	E 331	VNW 39	NN + + 35	<u> </u>
	N # 7 7	W 46	SSE #56	NN# 39	S 38	ME 41	5 35	5 33	N 395E	35	V % 4 2	. 33	\$\$2,456
53	WINN 63	N 37	55 w 63	SSE 41	W 36	5SE 44	SSW 35	554 34	SSE 495	5 (<u>}</u>	v 36	SS. ₹ 55	WN6 53
54	NNE 43	NNW 47	3SE 38	SSW 35	NNE 35	55E 4:	ESE 37	SE 47	\$ 37%₩	W 315	S 35	554 42	NN. 47
55	4 NW 37	NNA 37	NNE 43	55E 37	N 50	NNE 43	SSE 36	ENE 35	NE 30SS	w 37	NNS 37	NE 36	N 3.5
5 0	«S.d. 34	Sw 51	1Nk 41	NN . 38	NN 46	SSE 38	SS. 35	w Zo	S 28N	3 👉	₹ 36	S₩ 30	S . 1
4.7	NME 36	N 29	J 50	NNE 4	WNV 29	WSW 76	Sw 22	55: 26	E 321.	# 21	Va #19	N 34	50
3.5	NNW 3	ANA 42	WNW 30	WNW 31	Si 25	21Nw 31	SSW 3J	WSW 20	NNE 55NL	2 3	4 *30	NN# 37	NNE 55
<u> </u>				Տ ≄եշ	5 34	r #36	SE #34	× #40	SE #38KN	W 27	₩ *35	5 S = * 3 9	
- - 	10 443	NNWA 38	NNS 26	N 3	W #43	NE 29	NNW#26	SE 34	NN - 315	369		NNWAZZ	* *48
4.1	Nu - 534	N = 30	Na #34	NN##42	NNW +52		I 1	HNEWER	N #35NN	W + 7	4 :434	NN##32	WAWASZ
ė į	V 943	N +33		WNW# 75		Vw # 33	\$ *30	SSF#23	SE #26N	#341			NN 4 52
5.3	N #38		SSE #30		NNW#37		,	SE #29		- 1	7	- 1.	N #41
54	Nive 34		VI 39						ENE 36N		NN 4 37		E 47
55			NW 46	_	NM 68		- '		ST 32EN		NH 26	VW 76	Nh E3
66			*IN##37				SSE 27		NE #41NN				N 47
67	\$ 33		1	55F 44	7	i ' -	SS 39		! -			- [55_ 44
66					NN 32			13/ 26				28/ 42	2°/ 42
59	-		1				1	12# 21		* 21		23/ 21	_ , ,,
7:	36/ 36								16/ 2734			15/ 42	31/ 48
71			34/ 39		1			ſ	15/ 36 3			31/ 38	29/ 45
72	36/ 34			12/ 46				16/ 34				34/ 34	12/ 45
7.3			19/114		,		1	1	35/ 3631			30/ 39	19/114
74							19/ 39					34/ 28	14/ 43
75			1		1			1	12/ 3114				33/ 45
MEAN											<u>, , , , , , , , , , , , , , , , , , , </u>		
5. D.		····											
TOTAL OBS.			 		 			 					

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)



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DELEARD COMMITTED AND CHICAGO CATADOS

EXTREME VALUES

SURFACT WING

(FROM DAILY OBSERVATIONS)

1 4 SEPCSTROM ARE TX
STATION STATION NAME

YEAR

TAILY PEAK BUSTS IN KNOTS

MONTH	JAN.		F	EB.	1	N	AR.	1	^	PR.		^	AAY			JUN).	,	UL.	A	UG.		SE	P	0	CT.	N	юv.		DE	c .	MON	LL ITHS
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77	32/	43	231	/	44	26,	<u> </u>	32	5,	/ !	44	31.		32	22	1	34	16/	1 19	17	1 :	4 3	331	4 3	21	3 é	15/	3	4 2	1	21	3 ?	1 43
7 ^	221	44	241	/	43	33,	/ 3	32	16,	/ :	26	36	/	32	34	/	31	33/	7 26	12	/ 3	63	527	2 ∂	3/	26	35/	' 2	8 3 3	1	? 9 !		1 4
7 🤊	331	41	1/		18	33,	/ 3	33	20/	/ .	29	1.		<u>3 d</u>	15	1	24	3/	30	13	1 ?	Ġ	21	24	34/	2.9	3:	/ 3	:: 2.2	1	32	33	/ 4
G .	30/	31	17	, 	33 	36,		18	34,		34	31.		41	?1	<u>'</u> 	23	3/	, 27 	16,	3	1 1	1/	32	36/	28	37	3	2				·
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MEAN	₹.			7.5	. a		41.	3		3.6	. 1		39	7		7.5	5		2.2		34.		7 (5 • 3	7	1.9		١.	7	₹,,	ĵ.		£3.
5. D.	5.7																		714	7			7.	397	4.							, ,	. 7
TOTAL OSS.		73			5 6			38			35	•		8 6	-0		57		961		94			87		958		96			31		128

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)



GLOBAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

TOTAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3 4 4 STATION	SERGSTROM AFB TY STATION NAME	69-70,73-80 YEARS	- JAN Month
		ATHER	<u> </u>
	COL	DIVION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	5 A R	5.1	7.5	1.3							21.8	9.5
NNE	1.2	1.1	3.9	2.5								8.7	8.7
NE	4	1.0	1.3									2.7	6.4
ENE	1.3	• 6	. 7									1.9	3.9
E	- 5										<u> </u>	1.2	4.1
ESE	1	. 3	- 3									. 8	5.4
SE	6	- 5	-4	.,							<u> </u>	1.7	5.2
SSE	.9	1.2	3	.2								3.0	5.8
S	2.5	3.	2.7	1.9	-2							10.3	6.9
SSW	2.2	201	2.0	.6								7.0	6.2
SW	1.6	1.4	2.5							 		3.7	4.5
wsw	1.0	. 3	- 5	. 1	·							1.9	4.7
W	2.5	1.7	7	- 2				 		 			. 3.8
WNW	1.8					- 		 		 		2.6	3.4
NW	1.6	1.3	.2	2				 		1	<u> </u>	3.3	4.3
NNW	- 5		1.0	. 8	-	-1						3.9	9.2
VARBL			1 1 1 1			· · · · · ·		 	 			3.9	706
CALM	\boxtimes	>>	$\geq <$	$\geq \leq$	>	>>	>	\geq	$\geq \leq$	\geq	$\geq \leq$	21.5	
	20.2	21.8	19.7	14.4	2.2	. 2						100-0	5.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CLUBAL CLIMATOLOGY BRANCH US AFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

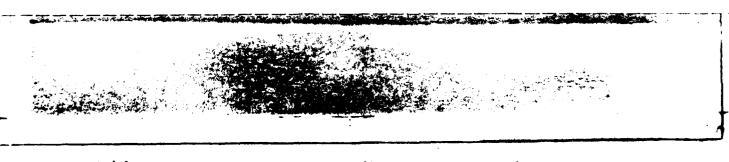
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFR IX			MONTH
	ALI	HEATHER CLASS		0300-0500 Hours (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	6.1	6.2	6.5	1.8	. 7						22.9	9.4
NNE	1.2	2.3	3.9	2.8	_ 2						L	10.3	8.6
NE	. 8	.6	- 4	.2								2.0	5.5
ENE	.6	. 5							· ·	· ·		1.2	3.5
E	- 3	- 5										. 9	3.6
ESE	7	. 7										.6	3.7
SE	-5	2	-3									1.1	4.1
SSE	1.3	1.4	4	.2								3.3	4.5
\$	2.0	4.0	2.6	1.0								9.6	6.0
SSW	1.6	1.5	1.6	.5								5.3	6.1
SW	1.3	1.5	- 5	•		-			f			3.4	4.5
wsw	1.2	. 5	. 2									1.9	3.3
w	3.0	6	-1	<u> </u>								7.0	2.9
WNW	1.0	1.0	.2	,			<u> </u>		<u> </u>			2.3	4.4
NW		- 1-0	. 0	- 6								2.8	7.5
NNW	.9	1.4	1.4	1.7		• 2			t			5.6	8.9
VARBL	• • •	1.44							t	 			
CALM		\times	>	\sim	>>	>>	> <	>>	>>	>>		22.9	
	18.4	23.4	18.8	13.9	2.0	5						160-0	5.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



7.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12914	BERGSTROM AFB TX	69~70.73-80	JAN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2600-0800
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.7	4.2	9.2	5.7	1.5	1						23.4	9.5
NNE	. 8	2.0	5.9	2.5	•1							11.3	8.7
NE	•6	• 8	1.1	. 2							\	2.7	6.2
ENE	• 5	. 8	• 2									1.5	4.6
E	• 5	. 3										. 9	2.6
ESE	. 4	. 3										.8	3.3
SE	. 4	• 3	1				ļ			L		. 9	3.9
SSE	1.4	1.4	. 9		1					ļ		3.8	4.8
<u> </u>	2.5	2.8	1.5	. 4				<u> </u>				7.2	5.2
SSW	1.6	1.3	1.8	. 2				ļ <u></u>				4.9	5.5
<u>sw</u>	. 9	1.0	. 5			L		ļ				2.4	4.7
W\$W	1.3	2	ļ <u>.</u> .	1								1.6	3.1
w	1.7	5	1	3								2.7	4.7
WNW	1.4	- 4	- 2	. 3	1		ļ	ļ				2.5	5.2
NW	1.4	1.1	2	2			ļ					2.9	4.4
NNW	3	1.0	1.7	1.0	8	. 2	ļ	Ļ	ļ		ļ	4.9	15.07
VARBL	k							_		\ _			
CALM	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	25.7	
	17.5	18.4	23.5	11.9	2.6	3	`					100-0	5.4

TOTAL NUMBER OF OBSERVATIONS _____930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



ELCHAL CLIMATOLOGY BRANCH OF AFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11904	AERGSTROM AFB TX	69-70-73-80	VAL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	3900-1108
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	1.6	3.7	6.5	8.8	3.2	. 9	1					24.7	11.3
NNE	1.5	1.8	5.6	4.1	. 4							14.4	9.2
NE	8	1.6	1.6	1								4.1	5.2
ENE	. 5	. 6	. 9									2.2	5.4
E	1.3	4	- 4	1								2.3	4.3
ESE	5	6	2	-1								1.5	4.9
SE	.9		4	. 2								1.5	5.4
SSE	1.2	1.3	. 4	.6	. 3							3.9	7.0
S	1.2	2.4	4.2	1.8	. 2	• 2						13.0	8.3
SSW	- 9	2.9	3.1	1.0	-1							8.0	7.3
SW	9	. 6	1.2	- 4						L		2.9	6.5
WSW	. 4	9	3	1	. 1							1.9	6.9
w	8	1	.2	. 3		1					_	1.5	6.6
WNW	8	5	- 1	1	3							1.8	6.6
NW	1		6	. 6	- 2							2.2	13.7
NNW	. 5	1.1	1.3	1.3	. 8	. 3						5.3	10.8
VARBL													
CALM	\times	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	> <	\times	$\geq \leq$	\ge	$\geq \leq$	11.9	
	13.9	18.7	27.8	19.8	5.7	2.0	.1					100.0	7 a B

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



G1.

SLOBAL CLIMATOLOGY BRANCH USAFETAC AI: REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 10 4	BERGSTROM AFR TX	69-70.73-80	JA*
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1200-1405
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
7	1.0	2.4	6.8	6.7	3.3	1.7						21.1	12.1
NNE	1.3	1.8	6.7	4.5	1.2	- 4						15.7	9.9
NE	1.3	2.7	1.8	. 3								5.5	ن و ت
ENE	. 9	1.4	. 3									2.5	4.7
E	1.1	9	2									2.2	3.9
ESE	1.0	. 3	.1	. 1								1.5	3.9
SE	1.3	. 4	. 6	. 4								2.8	5.8
SSE	. 4	1.3	1.1	1.2								4 • C	5.1
S	1.2	2.7	_5.1	43	. 8	• 3						14.3	9.9
ssw	8.	1.3	4 . 8	3.7	. 8							11.3	10.1
SW	45	- 9	1.6	1.2	. 1							4.3	9.0
wsw	.1	. 4	1.1	. 4								2.0	8.2
w	. 2	4	2	. 5	2	2						1.8	10.9
WNW	. 2		. 4	. 6	• 2							1.5	10.3
NW	- 2	. 4	. 6	.6	. 2	. 4						2.6	12.0
NNW	- 2	3	1.1	1.2	- 5	. 3	.1					3.8	12.7
VARBL													
CALM	\times	\times	$\geq <$	$\geq <$	$>\!\!<$	><	$>\!\!<$	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.0	
	11.5	17-0	32.6	25.8	7.3	2.7	.1					120-0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



SELFAL CLIMATOLOGY BRANCH US FETAC ATH WEATHER SERVICE/MAC

SURFACE WINDS

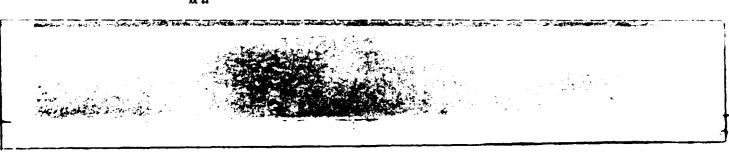
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 J 4	EFRESTROM AFR TX	69-70-73-83	HTMOM
	A	CLASE	1500-1700 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	9	4.4	7.2	3.4	£						17.8	12.6
NNE	- 6	1.6	5.6	4.9	- 6]	14.4	5.8
NE	. 9	1.3	3.8	. 9								6.8	7.5
ENE	2.1	1.6	1.2	. 2		i						5.1	4.9
E	1.2	. 9	. 4				<u> </u>	1		1		2.5	4.1
ESE	1.0	- 5	. 2	. 1								2.0	4 . C
SE	. 9	_1.7	8	. 4	l — — .					<u> </u>	1	3.3	5.9
SSE	. 9	1.7	2.6	1.8	• 2							7.2	8.5
5	. 8	3.3	5.8	4.3	- 3					T		14.5	9.0
SSW	- 0	1.2	3.7	4.0	-					<u> </u>		9.9	9.9
SW		6	2.2	- 5						t		3.3	8.7
wsw	· · · · · ·	. 7	.5	- 3						 -		103	- 3 · 4
w	·		- 5	- 3	2		 		<u> </u>			1.3	11.1
WNW		2	-3	- 4	- 4							1.4	12.8
NW		- 4	.8	_ 3	. 2			 				1.7	
MMW	. 7	- 5	- 0	1.3		- 2	 	 				W.	11103
VARBL	 				1.0		 		 	 		4.1	12.7
CALM	\sim	> <	>>	>>	>>	>>	>	>>	\geq		>	2.9	
	10.5	17.3	34.5	27.1	6.7	1.0						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GEOBAL CLIMATOLOGY BRANCH DEAFETAC ATA WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	DERESTROM AFR TX	69-73.73-80 YEARS	
		ALL MEATHER CLASS	1809-2000 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	2.6	4.7	_6.1	1.9	2						16.9	18.5
NNE	. 9	4.4	4.6	4 a C	2							14.1	7
NE	1.0	1 . 0	2.0	2								5.1	0.1
ENE	• 0	1.9	1.1	. 1				I		I		4.0	5.3
E	1.5	1.7	3	.1								3.6	4.2
ESE	1.5	. 3	. 2	• 1								2.6	4 . 2
SE	1.1	1.4	1.1	. 5								4.1	5.9
SSE	1.2	3	1.7	1.3								7.2	<u>ن</u> ج
S	4 . 11	_5.5	2.1	. 5								13.1	30.2
SSW	1.5	4.3	1.6	.1								7.5	5
sw		1.6	6									3.1	4 .
wsw	. 1	. 5	. 1										4.5
w	9	. 4	2									1.5	3.9
WNW	3	3	. 2									- 9	4
NW	.1	. 8	. 2	- 8	- 1							1.5	9.6
NNW	. 4	. 4	. 5	1.0	. 4							2.8	1
VARBL													
CALM	$\geq \leq$	\times	><	><	><	><	$\supset <$	><	> <	$\supset <$	$\supset <$	16.9	
	17-4	31.5			2.7	2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM AL 64 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



SEUPAL CLIMATOLOGY BRANCH INSESTAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSIKOM AFB IX	69-70.73-80 YEARS	JA'.		
	ALL	WEATHER	7188-2388 Hours (L.S.T.)		
	·	CONDITION			

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.4	6.1	6.3	1.1	2						20.5	9.2
NNE	9	2.6	3.8	2.3	- 3							9.8	ة م
NE	. 3	1.1	1.4	. 6								3.4	7.8
ENE		. 9	3	. 2					I			2.2	5.2
E	1.5	5	. 4		1							2.6	4.3
ESE	و	. 6	. 3									l.a	4.2
SE	G	£	. 6	_ 3								_ 2.5	5.7
SSE	è	1.5	1.4	5	_						L	4.3	0.6
\$	2.2	4.1	3.	1.2								1:4	6.3
SSW	1.7	2.6	1.9	5				L				6.8	5.7
SW	1.9	2.5	1.2	1				L				5.7	4.8
W\$W	1.2	1.0	. 5									2.7	4.2
w	1.8	_ 3	-1	1			_					2.4	3.3
WNW	3	. 2	1									. 5	3.5
NW	6	. a	. 3	1	- 2	1		}				2.2	7.2
NNW	6	. 3	1.2	- 9	1	. 2					l	3.3	9.4
VARBL													
CALM	$\geq \leq$	\times	\mathbb{X}	\times	\mathbb{X}	\mathbb{X}	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	19.6	
	18.7	24.0	22.8	13.3	1.8	. 5						:00.0	5.7

TOTAL NUMBER OF DESERVATIONS

USAFETAC #ORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- 237

GLUBAL CLIMATOLOGY BRANCH USAFETAC Alk "EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	STATION NAME	69-70.73-80 YEARS	JA'.
		ATHER	ALL HOURS (L.S.T.)
	CON	ADITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	loa	3.7	6.2	7.3	2.2	. 4	Ĺ					21.2	16.5
NNE	1.3	2.2	5.2	3.4	. 4	-1						12.4	9.1
NE	3	1.3	1.7	_ 3								4	0.5
ENE	. 9	1.7	. 5	. 1					<u> </u>			2.6	4.8
E	1.0	. 7	2	.0								2.0	4.0
ESE	. 7	. 5	. 2	. 1								1.5	4.2
SE	. 8	• 7	. 5	. 3								2.3	5.5
SSE	1	1.6	1.2	. 8	- 1							4.6	6.8
S	2.	3.5	3.5	1.9	2	1						11.2	7.3
ssw	1.4	2.1	2.6	1.3	1							7.6	7.4
sw	1.0	1.3	1.0	. 3	. C							3.6	6.0
wsw	7	5	. 4	1		9							5.4
w	1.4	- 5	. 2	. 2	1	ü						2.4	5.1
WNW	.7.	. 4	.2	. 2								1.7	6.1
NW	. 6	7	5_	. 4	1	1						2.4	لەق
NNW	. 5	8	1.1	1.1	5	. 2	2					4.2	1-45
VARBL													
CALM	\times	\mathbb{X}	\times	\mathbb{X}	\times	\times	\mathbb{X}	\ge	\times	$\geq \leq$	$\geq \leq$	14.7	
	1000	21.5	25.3	17.6	3.9	وم						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

7443

USAFETAC FORM AN 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CLORAL CLIMATOLOGY BRANCH
UI AFETAC
ALT REATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

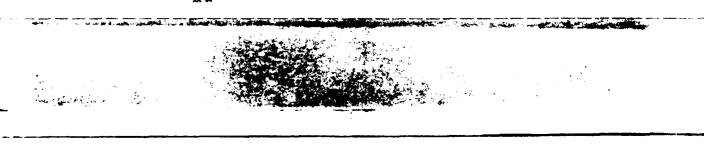
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.75.4	SERGSTROM AFB TX	69-70.73-80		EEE
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER CLASS		LDBB-C2BB HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	1.4	4.7	6.5	4.4	- 5.	.1						17.1	a.7
NNE	. 8	9	2.4	2.5	. 7							7.3	9.9
NE	ų	. 5	9	.2								2.5	6.5
ENE	. 5	. 7	• 2					I				1.4	4.4
E	4	. 1	- 6									1.1	6.8
ESE	2	. 6	_ 5	.2								1.5	6.9
SE	93	9	ő	.2								2.6	5.6
SSE	1.2	. 9	. 9									3.2	5.4
5	4.3	5.0	4.3	2.7								16.2	6.5
SSW	2.4	3.8	2.4	4								8.9	5.4
sw	1.9	1.3	. 7						}			3.9	4.2
wsw	1.3	. 6	8									- 27	4.5
w	1.8	8.	. 7	-1								3.4	4.5
WNW	1.4	1.1	. 4									2.8	4 . C
NW	1.1	. 8	. 2	.1.	2							2.5	5.9
NNW	7	. 7	1.5	1.1	• 2							4.3	3.7
VARBL									1				
CALM	><	$\geq \leq$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\supset \!$	> <	$\geq <$	$\geq <$	$\supset \subset$	> <	19.0	
	211.4	23.5	23.2	12.1	1.7							100-0	5.5

TOTAL NUMBER OF OSSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLGPAL CLIMATOLOGY BRANCH GSAFETAC ATT MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	DERGSTROM AFR TX			FEE MONTH		
SIATION	DIATION RAME		YEARS	MONTH		
		ALL WEATHER		0300-0506		
		CLASS		HOURS (L.S.T.)		
				- •-		
		CONDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	5.3	6.3	3.8	- 5	1						17.3	t.4
NNE	. 3	1.2	1.1	3.4	6							7.1	11
NE	. 2	. 7	. 9	-1								2.5	ڪ ه ه
ENE	. 1	. 6	. 5					1]			1.2	5.7
E	. 5	8	1	. 1								1.5	4.8
ESE	2	.1.1			1		_					1.4	5.5
SE	1.4	9	2	. 1	. 1							2.5	4.5
SSE	1.5	2	_ 5									2.2	3.5
5	3.2	5.9	3.2	- 8								15.1	5.7
55W	2.1	2.2	1.4	. 4						i		ő a l	5.1
sw	1.4	. 8	1.5	. 1								3.9	3 . د
WSW	1.2	. 5	4									60.	3.6
₩	2.1	. 6	. 4									3.1	3.3
WNW	1.2	1.4	. 5	_2								3.3	4.9
NW	1.2	1.2	. 6	.2	2							3.4	6.1
HHW	.7	. 9	1.9	1.5	- 1							5.2	6.7
VARBL									Î				
CALM	><	$>\!\!<$	$\geq <$	$\geq \leq$	$\geq \leq$	\ge	> <	\ge	$\geq \leq$	> <	$\supset <$	24.2	
	19.3	24.5	19.4	10.9	1.7	1						100-D	5.0

TOTAL NUMBER OF OSSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GL BAL CLIMATOLOGY BRANCH GT FETAC Als REATHER SERVICE/MAC

SURFACE WINDS

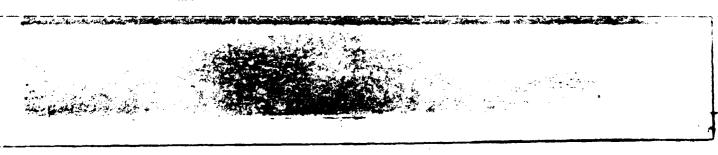
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	MERGSTROM AFE TX	69-70,73-80 YEARS	FFF MONTH
		ALL WEATHER CLASS	0600-0800 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	%	MEAN WIND SPEED
N	9	2.3	.5.7	5.4	1.2	2						16.3	10.1
NNE	1.2	2.0	3.0	1.9	_ 2_							8.3	8.1
NE	1	1.1	5									1.8	6.
ENE		. 7	. 5									1.2	6.
E	. 4	1.2	. 7									2.2	. 5.1
ESE	. 4	- 5	. 1									. 9	4.
SE	1.3	. 4	2	.1								2	4.
SSE	2.4	. 7	• 5									3.5	3.
5	2.6	4.5	3.1	7					I			10.9	5.
SSW	2.0	1.8	1.2	.1	.2							5.3	5.
sw	1.4	. 1.1	8.	. 1								3.4	4.
wsw	1.1	. 5	. 1									1.7	3.
W	1.4	1.2	- 2	.1								3.0	4.
WNW	- 4	1.2	. 4	.1								2.0	. Š.
NW	1.2	. 7	. 9	.4				\Box				3.2	5.
NNW	. 7	1.3	1.7	2.5	-1			i				6.3	9.
VARBL							T			<u> </u>			
CALM	\searrow	\geq	\times	\times	\times	> <	$\geq \leq$	\geq	$\geq \leq$	\times	>>	28.0	
	17.4	21.5	19.5	11.6	1.8	-2						100-0	5.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



,

GLUBAL CLIMATOLOGY BRANCH USAFETAC ALM MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

174	BERGSIROM AFR IX	69-70.73-80	
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u> </u>
		HOURS (L.S.T.)	
		CONDITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	9	2.5	5.6	7.0	2.7							18.8	11.1
NNE	6	2.8	4.0	3.8	. 4							11.6	9.3
NE	. 4	2.2	2.1	. 5	.1							5.3	7.4
ENE	. 6	. 8	4									1.8	4.5
E	1.5	. 9	4	.2								3.1	4.5
ESE	. 9	• 6	. 4									1.9	4.3
SE	1.2	. 2	7	. 4								2.5	5.6
SSE	9	1.4	. 4	. 5								3.2	5.6
5	1.4	2.6	4.3	4.3	• 2							12.5	8.6
SSW	1.3	1.9	3.9	3.1	. 2			t				10.4	â.9
SW	. 5	. 9	2.4	1.5	• 2				1	†	· · · · · · · · · · · · · · · · · · ·	5.6	9.3
wsw		1.1	. 7	- 5								3.2	6.0
w	1.2	1.1	2	- 1	-1							2.7	4.9
WNW	-1	. 9	. 5	. 5		•2	.1			· · · · · · ·		2.2	10.5
NW	. 4	• 2	.6	1.3					 	 		2.5	10.2
NNW	.6	.6	1.9	2.1	. 8		 					6 · C	11.5
VARBL								 		 			-14.0-
CALM	\mathbb{X}	\times	\times	\times	\times	\times	>>	>	\supset	>	> <	6.7	
	13.5	211.8	.28.3	25.4	4.8	. 4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



6: ...

SEDBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

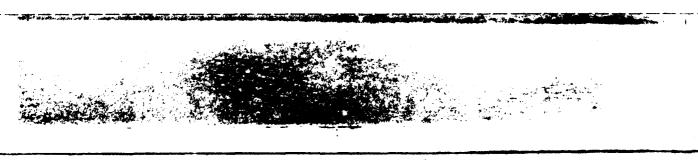
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFR TX STATION NAME	69-70.73-80 YEARS	FF2 MONTH
		ALL WEATHER CLASS	1230-1408 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	24 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	. 5	2.4	3.1	7.8	1.8	• 2						15.8	11.9
NNE	_ 5	2.2	4.4	3.2	6						I	15.9	9.6
NE	• 9	2.	3.1	. 8	. 1							7.C	7.2
ENE	iel	- 5	. 8	• 2								2.6	5.6
E	1.9	1.1	. 5	- 4						T		3.8	4.6
ESE	- 4	- 6	- 2	. 1								1.3	5.2
SE	• 7	. 7	7	7								2.8	7.1
SSE	-2	1.5	1.5	. 8								4.1	7.6
S	1.1	2.4	4.3	6.9	. 9	- 1				1		15.6	10.4
SSW	. 6	1.7	2.8	5.8	. 9							11.8	11.0
sw	- 5	1.2	2.1	1.9	. 1		. 1				1	5.9	9.6
wsw	.6	. 4	7	. 4						1		2	6.9
w	1	. 6	. 7	. 1	1				t			1.7	7.9
WNW	.2		.4	1,1	• 5	5						2.6	14.9
NW	.2	• 5	1.3	1.1	4	41						3.5	10.5
NNW	.6	• 6	1.5	2.7	47		· · · · · ·		 		-	6.1	11.3
YARBL	- **	• •					 	 			 		***
CALM	\times	> <	> <	>>	\times	>>	> <	> <	>>	>>	>>	2.4	
	10.2	18.2	28.1	33.9	6.1	. 9						100-0	9.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



Carrier .

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

SURFACE WINDS

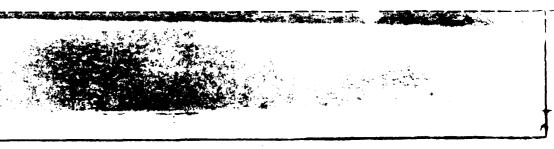
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.4.4	BERGSTROM AFB. TX	69-70•73-8a	FEG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5	1.5	3.5	7.2	2.3	_ 1						14.9	12.1
NNE	. 8	1.7	3.4	3.7	- 5							10.0	9.8
NE	6	1.8	2.4	1.7								6.4	8.1
ENE	. 6	1.7	1.4				\					4.0	5.5
E	2.0	2 a û	1.2	. 4								5.6	5.0
ESE	4	8	8	. 1							L	2.1	6.3
SE	i.2	1.4	1.2	. 4								4.1	5.9
SSE	6	1.3	2.7	1.7	1	1						6.5	6.8
S	1.3	3.5	5.6	7.2	. 7	1						18.4	9.7
SSW	- 4	1.1	3.1	3.7	4	.1						8.6	10.7
sw	2	1.3	1.3	1.1								3.9	8.5
WSW	l	. 2	-6	. 4						L		1.2	بَ و
w	-1	. 4	7	.2				L				1.4	7.4
WNW	. 1	. 2	1	1.2	. 4	1						2.1	13.2
NW		. 2	5_	1.9	6	. 2						3.4	14.5
NNW	1	. 7	1.8	2.0	. 4							5.0	10.9
VARBL													
CALM	$\geq \leq$	$>\!\!<$	$\geq <$	>>	><	$\geq <$	><	$\geq \leq$	$\triangleright <$	$\supset <$	$\supset <$	2.2	
	9.1	19.9	30.3	32.7	5-0	8						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



5

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATHURATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 4 STATION	HERGSTROM AFR IX STATION NAME	69-70.73-80 YEARS	FER MONTH
		ALL WEATHER CLASS	1800-2000 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	%	MEAN WIND SPEED
N	. 3	2.7	3.5	5.1	2.3							14.2	10.7
NNE	5	2.4	3.2	1.8	. 4							8.2	8.9
NE	1.2	1.9	2.2	. 4								5.7	6.3
ENE	1.1	2.0	. 8									3.9	4 . 8
E	3.3	1.7	• 2	. 7								5.9	4.4
ESE	2.1	1.3	. 9	• 2								4.6	4.8
SE	2.3	2.1	1.1	• 2	• 1							5.6	5.2
SSE	2.4	3.7	4.6	1.3	-1							12.1	6.8
S	2.1	3.2	6.3	1.3	1							18.0	6.6
ssw	. 9	1.3	- 6	. 1								3.0	4.8
sw	- 4	1.1	• 2								<u> </u>	1.7	4.4
wsw	.1	6	. 2									. 9	5.5
w	• 2	. 4	.2						i — — —			.8	5.0
WNW	- 4	. 4	. 1	. 1								9	5.3
NW	.5	7	6	- 2								2.0	6.4
NNW	- 2	. 7	1.1	. 9	• 2				<u> </u>			3.2	9.6
VARBL											1		
CALM	\times	>>	\times	>>	\times	$\geq \leq$	\times	\times	\geq	\geq	\geq	9.5	
	18.2	31.0	26.0	12.4	3.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC PORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



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CLCBAL CLIMATOLOGY BRANCH USAFETAC ATC MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	SERGSTROM AFR TX	69-70.73-86	
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	3.2	5.4	1.1							14.4	9.5
NNE	.7	2.4	3.0	1.8	1.1	[8.9	9.4
NE	. 6	. 7	1.1	4		<u> </u>		1				2.7	7 • C
ENE	. 2	. 5	. 1									. 8	5.1
E	. 7	9	. 4	.2								2.2	5.1
ESE		1.1	. 2	. 5	• 1							1.9	8.6
SE	1.7	1.5	. 6	. 2								4.0	5.1
358	2.1	2.3	1.9	1.5	. 2	[8.5	7.0
5	7.2	5.7	7.2	1.9	1							18.1	6.8
SSW	1.3	2.2	1.2	.1								4.8	5.2
\$W	1.8	1.1	. 2	1								3.2	3.8
wsw	1.1	7	.2	-1								2.1	4.0
w	1.5	1.3	. 2	1								3.2	4.3
WNW	7	2	.1	.1								1.2	4.3
NW	- 6	. 8	5_	-6	1				L			2.6	7.2
NHW	.5	1.1	2	. 7	2							2.7	8.1
VARBL													
CALM	$\supset <$	><	$\supset \subset$	$\geq \leq$	$\supset <$	$\geq \leq$	><	$\geq <$	\times	\boxtimes	$\geq \leq$	18.6	
	18.2	26.1	20.3	13.6	3.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 646

USAFETAC FORM (0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEUPAL CLIMATOLOGY BRANCH USAFETAC

SURFACE WINDS

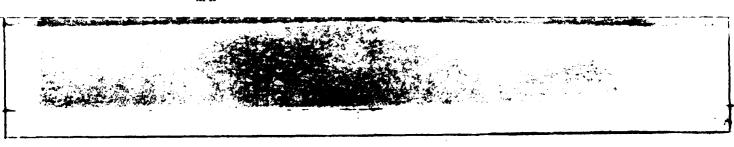
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 4 STATION	HERGSTROM AFR TX	69-70,73-80 YEARS	F F F
		ALL WEATHER CLASS	ALL HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	اثمنا	3.1	4.6	5.8	1.5	- 1						16.1	10.3
NNE	. 7	2.1	3.0	2.7	- 5							9.0	9.4
NE	- 5	1.4	1.7	.5								4.1	7.1
ENE		• 9	. 6	. C						Γ		2.1	5.2
£	1.3	1.1	.5	3								3.2	4.9
ESE	.6	. 8	. 4	. 1					I			2.0	5.7
SE	1.3	1.2	. 7	.3	0							3.3	5.4
SSE	1.4	1.6	1.6	.7	1							2.4	6.6
5	2.4	4.7	4.8	3.2	- 3							15.4	7.6
\$5W	1.4	2.0	2.1	1.7	. 2							7.4	7.8
SW	1.5	1.1	1.2	. 6	. 0							3.9	6.8
wsw	- 8	. 6	. 5	. 2								2.0	5.2
w	1.1	8_	4	.1								2.4	4.8
WNW	6		.3	. 4	1	1	.0					2.2	8.0
NW	- 6	. 7	• 7	7	2	Ω.						2.9	8.5
MMM	. 5	. 8	1.4	1.7	. 4							4.8	9.8
VARBL													
CALM	$\supset <$	\ge	\times	\times	\times	\times	> <	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	13.8	
	15.8	23.2	24.4	19.1	3.4	. 3	0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 6768

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



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GLURAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 7 - 4	SERGSTROM AFR TX	69=70.73=80	4 A 7
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
		CONSITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥\$6	%	MEAN WIND SPEED
N	1.9	2.6	3.2	4.1	8	- 2						12.8	9.2
NNE	1.2	1.3	1.9	2.0	. 2							6.7	8.6
NE	. 2	1.2	1.1	. 6	1		Ĺ					3.2	5 . 3
ENE	. 3	. 4	. 2						<u> </u>			1.0	4.4
E	- 4	4	5									1.4	4.9
ESE	. 5	. 5	. 4	5								2.0	7.5
SE	8		1.8	1.2					<u> </u>			4.6	8.1
SSE	1.5	1.8	2.7	2.6						Ĺ		8.6	ã a l
5	2.6	5.7	6.7	3.0	. 2							18.2	7.4
ssw	1.6	2.3	2.3	. 9				L	<u> </u>	<u> </u>		7.0	6.4
sw	1.1	1.6	. 4									3.1	4.5
wsw	3_	1.4	1									1.5	4.4
w	1.8	1.8	2	. 2								4.2	4.7
WNW		. 3	3	1						L		1.5	4.6
NW	. 8	3	2	- 4								1.7	6.3
NNW	1.2	. 4	1.1	8								3.4	6.5
VARBL				L									
CALM	$\geq \leq$	$>\!\!<$	$>\!\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \!$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	18.7	
	17.0	23.3	23.2	16.5	1.3	3						100.0	تمط

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL.-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CLUTAL CLIMATOLOGY BRANCH USAFETAC Ale Reather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	69-70,73-80 YEARS	MA -
		AIHER	<u> 1330-0508</u> Hours (L.S.T.)
	CON	PITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	3.7	3.8	5.1	. 8	1						14.5	9.3
NNE	. 8	1.5	1.9	1.7								5.9	3.1
NE	3	9	. 8	. 3	1							2.4	7.4
ENE	. 3	- 3	• 2	• 1	}	Ţ	}				}	1.4	5.5
E	.6	• 2		.1								1.0	4.2
ESE	. 3	. 5	. 6	1								1.7	6.3
SE	. 9	1.3	9	1								3 - 1	5.7
SSE	1.3	3.0	1.6	2.5	. 3							€.7	8.1
S	2.3	5.3	5.5	2.4	- 1							15.5	7.0
SSW	1.4	1.7	1.6	. 6								5.4	6.5
SW	1.6	1.3	. 9	• 2								4.0	4.7
wsw	1.0	1.0	-1									2.0	3.7
w	2.4	1.0	. 4						1			_3.8	3.5
WNW	.5	. 5	. 1	4.7	- 1	.1						1.5	6.9
NW	1.5	. 9	. 5	.2	• 2		<u> </u>					2.8	6.4
NNW	.8	. 6	1.5	1.2								4.1	- 6 · 4
VARBL					l								<u> </u>
CALM	\searrow	\times	\geq	\times	\times	\geq	$\geq <$	> <	\geq	$\geq \leq$	\times	21.9	
	17.5	23.5	20.4	14.7	1.6	2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SESHAL CLIMATCLOGY BRANCH USAFETAC AL- - CATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION -	DERGSI	ROM. A	FR TX	N NAME					70.	7 3 - 1	EARS			A :
				·		A		EATHE!	2		 -	_		 -0800 s (L.s.T.)
		_					co	NOITION			 			
۲	SPEED			Τ	-1				т-	· - I	 	т	 	MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	2.7	4.2	2	. 3	3						14.2	9.5
NNE	1.2	2.3	2.4	2.0	. 6							á.5	. i . 7
NE	3	1.4	_ 6	3_								3.1	5.4
ENE	. 4	_1.	. 4	. 1								1.5	5.7
E	. 8	E	. 4									1.9	5 . 1
ESE	. 6	. 6	. 6	. 3								2.3	5 • 4
SE		6	1.8									3.2	6.6
SSE	1.0	2.	1.4	1.7					[5.1	7.5
S	2.2	3.8	5.5	1.7								13.1	0.9
SSW	1.4	1.9	1.4	4								5.2	5 . 8
sw	. 5	1.3	. 6	• 2								2.4	5 . 5
wsw	1.4	_ 4	- 4									2.4	5.
w	7.42	. 6	3	.2								3.3	4
WNW	3	1.2	1	• 2	. 1							1.7	5 .
NW	1.2	1.4	. 9	. 8	• 2						}	4.4	7.5
NNW	. 8	1.1	1.2	2.0	. 1							5.2	9.1
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	21.1	
				15.3	1.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ELL. AL CLIMATOLOGY BRANCH LIMEFTAC AIR WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1 - 6	ERGSTROM AFR TX	69-70-73-80	·· 4
STATION	STATION NAME	YEARS	MONTH
		LL WEATHER	1900-1100
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.7	4 . (4.4	2.3	4						13.5	11.6
NNE	9	1.4	1.6	5.1	. 3		l					9.7	غ د ب ا
NE	. 3	1.5	2.3	1.0	1							5.7	7.5
ENE	5	1.4	1.	.1						1		3.1	5.5
E		1.3	1.7	. 1								3.5	6.1
ESE	6	$\frac{1 \cdot 1}{1 \cdot 1}$	1.5	• 5						i		3 • €	7.3
SE	1.1	1.1	1.6	1.2								4.9	7.4
SSE	6	1.4	1.2	1.9	2							5.4	9.2
5	9	2 . 5	4.4	6.7	1.7			I				1 . 4	10.2
SSW	4	1.4	3.5	3.4	2		}					9.2	9.6
sw	- 5	• 9	1.4	1.3	. 2							4.2	٠, ٠
wsw	. 2	. 4	. 6	• 1								1.9	5.8
w	- 2	5	3.	1.1	. 1							2.7	9.8
WNW	. 1	- 4	1.0	. 8								2.3	9.2
NW	5	5	1.3	. 1.6	. 8							4.7	10.5
NNW	. 3	5	1.	1.7	.6							4.2	16.9
VARBL									Ī				
CALM	$\supset \subset$	\times	><	$\supset <$	$\supset <$	$\supset \subset$		$\supset <$	$\supset <$			5.7	
	.10.1	13.1	29.0	31-0	6.2	- 4						100.0	9.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY PRANCH USAFETAC AT. WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERGSIROM AFE IX	69-70-73-80	
	ALL_WE	ATHER	1230-1460 Hours (L.S.T.)
	CON	DITION	noons (c.s.r.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	. 5	2.3	4.9	1.2	4						2.8	12.7
NNE		1.3	2.8	4.2	8							9.8	10.5
NE	1.0	2.5	1.3	. 8	1							5.6	6.8
ENE	٥	1.4	1.1	• 2]			3.5	6.0
Ē	- 9	8	2.4	3								4.3	6.9
ESE	3	1.5	1.9	. 8	2	_						4.7	7.8
SE	3	1.3	2.6	1.3	. 2							5.7	8.9
SSE	5	1.4	2.5	3.2	1.1							8.7	15.6
S	t.	. 9	6	9.0	1.7							18.3	11.5
SSW		1.2	2.7	2.6	. 4				}			7.2	15.1
sw	3	5	1.4	_1.1	1							3.4	9.3
wsw	.1	3		. 5								1.0	9.9
w	2	. 1	. 3	. 6	1	. 2	.1					1.7	13.6
WNW	- 1	3	5	5	5							2.0	12.1
NW	2	4	1.4	2.7	. 8							5.5	12.2
NNW	. 2	. 5	1.9	2.7	1.2							6.6	12.3
VARSL													
CALM	><	>>	>>	\times	\times	\times	><	><	><	$\supset \subset$	$\supset <$	2.2	
	1.2	14.9	31.1	35.5	8.4	. 6	. 1			7		100.D	11.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLURAL CLIMATOLOGY BRANCH USAFETAS AI - AEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 , 4	BERGSTROM AFR TX	69-70-73-83	₩ & ©
STATION	STATION NAME	YEARS	MONTH
	ALL_	WEATHER CLASS	1500-1700 Hours (L.S.T.)
		ONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		- 6 i	2.8	5.7	1.4	- 4						11.1	12.7
NNE	1	. 8	3.4	3.2	6_							8.2	10.8
NE	2	1.4	2.3	. 9								4.7	8.4
ENE	4	2.5	1.0									4.0	6.0
E	5	3.1	1.8									5.5	6
ESE	5	1.3	1.2	1.0	1							4.8	7.9
SE	.6	1.6	3.1	2.6	. 1	-1						5.2	9.1
SSE	. 9	1.4	3.4	4.5	1.7	.1			I			11.3	10.6
5	. 4	1.1	8.0	8.4	1.4							19.2	11.1
55W	. 2	ق	2.0	2.5								5.3	15.4
sw	1	6	. 4	5								1.7	8.5
wsw		. 2		2	.1					L		9	10.3
w	- 4	2		- 6	5			L		<u> </u>		2.0	12.6
WNW			-8	1.0	. 3		<u></u>	ļ				2.0	12.6
NW		- 2	- 9	2.4	- 4							4.1	12.2
NNW		3	1.2	2.8	. 9	.1						5.3	12.7
VARBL	L							L		L		<u> </u>	
CALM	$\geq \leq$	$>\!\!<$	\geq	$\geq <$	\times	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.7	
				36.2	6.9	. 9						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

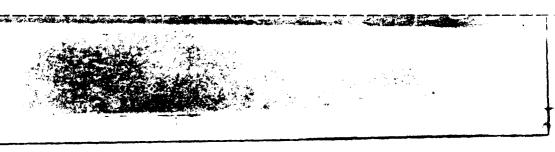
1 - 7 4	BERGSTROM AFR TX	69-70.73-50	MAT
STATION	STATION NAME	YEARS	MONTH
		ALL NEATHER CLASS	1800-2000 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	_ R	2.3	3.4	5.2	8	2						12.6	10.6
NNE	1.3	1.6	4.0	2.3	2							9.0	6.7
NE	.6	1.8	1.6	-2	. 1							4.4	6.7
ENE	. 5	2.	- 5									3.1	4.9
E	2.3	3.5	2.0									7.8	5.1
ESE	. 4	1.9	2.0	. 5								4.9	7.0
SE	1.3	4.0	3.0	1.8								9.8	7.4
SSE	. 9	3.3	6.5	5.5	. 4				<u> </u>			16.6	9.3
S	1.9	4.0	4.3	2.9	. 2							14.3	7.7
SSW	- 4	1.5	- 5	. 1					1			2.6	5.9
SW	- 2	. 1	- 3					t ———					5.8
WSW	2	- 2	.1	.1						 		. 6	5.7
w	7	. 9	.5	. 3								2.0	6.8
WNW	3	. 2	- 4	3	• 1					t — —		1.4	3.5
NW	.2	. 5	.5	- 6	• 2				 	t		2.2	9.6
NNW	- 2	• 8	1.5	.9	1	• 2			 			3.1	13.4
VARSL							 						44.
CALM	\times	> <	\times	\geq	\times	\times	$\geq \leq$	>	\times	\geq	\geq	4.8	
	1.1 - 3	29.7	30.9	20.8	2.2	- 4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM AL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



77.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFR TX	69-70,73-80 YEARS	MAR MONTH
	ALL	WEATHER	21:0-2300 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	. 3	2.	3.9	4.2	.6							11.5	9.7
NNE	1.2	1.5	1.7	1.7	9	- 2						7.2	9.8
NE	- 9	1.7	8	_ 3		1						3.0	6.3
ENE	1.0	1.1	.6	Ĺ	L	L						2.7	4.6
ŧ	.6	1.8	. 5									3.0	4.9
ESE	. 5	1.8	2.8	. 8					l			5.9	7.6
SE	1.6	1.4	1.3	1.4							<u> </u>	5.7	6.9
SSE	1.7	2.7	4.5	3.4	L	İ		<u> </u>	L			12.4	8.2
\$	2.5	4.7	8.3	3.2	2	<u> </u>			L			18.9	7.7
SSW	1.3	1.3	- 5	1_	<u> </u>				L			3.2	4.7
SW	1.2	1.2	- 1	Ĺ					<u> </u>			2.5	3.7
W\$W	5	1.2	.2		L			L				1.9	4.5
w	1.1	1.2	5_	2								3.0	5.2
WNW	- 4	6	1 2	3_	1		<u> </u>	<u> </u>				1.7	6.8
NW	1	1.0	-2	2	L	Ĺ <u> </u>	1					1.6	8.0
NNW	. 5	3	- 4	9			<u> </u>					2.2	ö.l
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq <$	$>\!\!<$	$\geq \leq$	\boxtimes	$\supset <$	$\supset <$	$\triangleright <$	13.5	
	15.0	24.8	26.7	16.8	1.8	- 3	1					100-0	6.5

TOTAL NUMBER OF OSSERVATIONS 935



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1794 STATION	DERGSTROM AFR IX STATION NAME	69-70,73-80 YEARS	MAM
		ATHER	ALL HOURS (L.S.T.)
	CONE	NOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.9	3.4	4.8	1.2	3						12.6	10.6
NNE	. 9	1.5	2.5	2.8	. 5							8.1	9.
NE	6	_1.5	1.3	.6	1	عه						4.0	7.
ENE	. 6	1.3	. 6	. 1								2.6	5.
E	9	1.5	1.2	1								3.6	5.
ESE	_ 5	1.2	1.5	.6	<u>. 0</u>							3.3	7.
SE	. 9	1.5	2.3	1.2	. 2	• 0						5.7	7.
SSE	. i.J	2.1	3.0	3.2	. 4							9.7	9.
\$	1.7	3.6	6.1	4.7	. 6							16.6	8.
SSW	. 9	1.5	1.9	1.3	• 1							5.6	7.
sw	. 7	- 9	7	. 4								2.7	5.
wsw	. 5	. 6	• 2	• 1	• 0							1.6	5.
w	1.1	8	. 4	. 4	. 1	• 1						2.8	6
WNW	. 3	. 4	. 4	. 4	• 2			· · · · · ·				1.8	8
NW	• 5	. 7	. 7	1.1	. 3		4.0					3.4	9.
NNW	- 5	6	1.2	1.6	.4	. C						4.2	10.
VARBL										1		1	
CALM	$\supset \subset$	> <	$\supset \subset$	$\supset \subset$	$\supset \subset$	> <	> <	$\supset <$	$\supset <$		$\supset <$	11.1	
	12.6	21.6	27-1	23.3	3.7	5	n					100.0	7.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.2324	HERGSTROM AFR TX	69-70-73-80	AP:
STATION	STATION NAME	YEARS	МОНТН
	AL	L WEATHER CLASS	<u>0090-0200</u> Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	1.0	3.1	2.1	1.4	• 2							7.9	7.3
NNE	. 6	1.3	1.3	7			_					3.9	7.5
NE	4	. 6		. 3	. 2							2.2	ا د څ
ENE	• 6	. 8	• 1									1.4	3.
E	. 8	1.7	.6									2.3	4.
ESE	. 9	. 9	. 7									2.4	4 .
SE	9	2.3	1.7	. 7								5.6	6 .
SSE	1.1	3.0	6.9	2.6								13.6	8.
S	3.C	7.2	3.6	3.9	4	-1					L	23.2	7.
SSW	1.8	2.	1.1	• 2					[5.1	5
SW	7	1.8		•1		l						2.6	4.
WSW	. 6	. 8	.2									1.6	4.
w	1.8	1.3	- 1									2.9	. 3.
WNW	. 4	. 9	- 3	. 1							- "	1.8	4.
NW	_ 4	. 6	- 1	. 7								1.8	7.
NNW	1.1	1.0	.6	8								3.4	6.
VARBL													
CALM	><	>>	$\supset <$	>>	$\supset <$	$\supset \subset$		$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	18.3	
	16.0	28.2	25.n	11.4	9	1						120.6	5.

TOTAL NUMBER OF OBSERVATIONS

906



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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SERGSTROM AFR TX	69-70-73-80	A P :
STATION NAME	YEARS	MONTH
ALL is	EATHER	2309-0500
	CLASS	HOURS (L.S.T.)
3	ALL &	STATION NAME YEARS

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	4.5	3.3	1.3								11.6	6.7
NNE	. 6	1.0	1.6	. 8	1						l	4.0	7.5
NE	.7	9	. 6									2.1	5.
ENE	. 3	. 4	• 2									1.0	5.4
E	.9	1.8	8_									3.4	5.
ESE	• 9	• 9	. 7									2.4	4.1
SE	1.0	3.6	1.1	. 3								6.0	5.
SSE	2.3	3.4	4.2	1.7								11.3	6.
S	2.8	5.3	7.1	2.8								18.0	7.
SSW	1.2	1.4	. 9	. 3								3.9	5 .
sw	• 6	• 9		• 2								1.7	4.
wsw	1.4	_ 3	.2									2.0	3.
w	1.5	- 6	. 4									2.6	3
WNW	1.0	8	- 4	• 2								2.4	4.
NW	1.4	- 8	.6	. 4								3.2	5.
NNW	. 9	• 2	. 9	. 3					1	1		2.4	6.
VARSL										1			
CALM	$\supset \subset$	\ge	$\geq <$	\times	$\ge $	\times	\boxtimes	$\geq \leq$	\boxtimes	\times	\searrow	21.9	
	19.3		23.0		. 3	-1						100.0	4.0

TAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

179.4	BERGSTROM AFR TX		AP ÷
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u> 2600-0800</u>
		CLASS	HOURS (L.S.T.)
		CONPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	1.6	3.6	3.6	1.7	. 4							10.8	7.5
NNE	. 9	1.7	1.9	1.4	1							6.0	7.8
NE	. 8	2.3	1.1									4.2	5.3
ENE	1.1	. 7	• 3									2.1	3.7
ŧ	8	2.1	. 8	2								3.9	5.5
ESE	.6	1.4	1.6	• 3								3.9	6.2
SE	1.2	2.7	1.8	•2								5.9	5.9
SSE	. 8	2.9	4.7	2.1								10.4	7.9
S	1.8	5.3	6.0	1.4	• 3							14.9	7.3
SSW	1.2	1.1	. 8	_ 4								3.6	5.6
5W	. 9	- 3	- 4	. 1								1.5	4.8
WSW	. 4	. 3	. 1									. 9	3.5
w	1.4	. 8	.1								1	2.3	3.4
WNW	- 8	. 3	.1	. 1								1.3	4.5
NW	1.0	1.7	1.2	.6	- 3							4.1	7.4
NNW	1.4	1.6	1.2	. 7	. 1	1						5.1	7.2
YARSL												1	
CALM	\times	\times	>	\times	\times	\times	\times	\geq	\geq	\times	\times	18.8	
	16.7	28.1	25.7	9.3	1.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM AL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



SURFACE WINDS

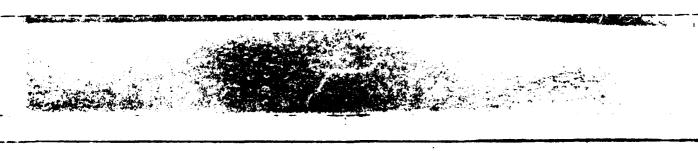
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 . 9 4	SERGSTROM AFR TX	69-70-73-80_	AP3
STATION	STATION NAME	YEARS	MONTH
	AL	I WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 6	2. 0	3.7	4.2	. 4	1						11.0	15.1
NNE	. 6	1.3	4.1	1.7	. 2	.1						8.0	8.9
NE	1.2	1.1	1.1	.8								4.2	6.6
ENE	1.2	1.5	. B	. 3								3.9	5.
E	1.8	2.0	1.0	2	.1.							5.1	5.
ESE	. 3	1.1	1.6	.2								3.2	7.0
SE	1.1	1.3	3.7	1.4								8.0	7.
SSE	. 8	1.8	5.9	3.4	. 4							14.3	9.
S	1.1	2.6	8.6	6.4	. 4							19.1	9.
SSW	. 3	1.2	4.1	1.3	43.				[7.3	9.
SW	. 9	. 3	1.8	- 4								3.4	į.
wsw	. 3	. 2	. 1									. 7	
w	. 3	. 1	• 1										
WNW		. 1	4.1		• 1							- 3	16.
NW	- 4	• 2	. 8	1.3	.2							3.0	13.
NNW	• 2	. 6	1.2	1.8	.7					T		4.6	11.
VARBL								<u> </u>			1		
CALM	\times	\times	\times	$\geq \leq$	\times	$\ge <$	\boxtimes	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.2	
	11.2	18.0	38.6	25.7	3.0	3						100.0	8.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



70

SEUPAL CLIMATOLOGY BRANCH L'AFETAC All MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

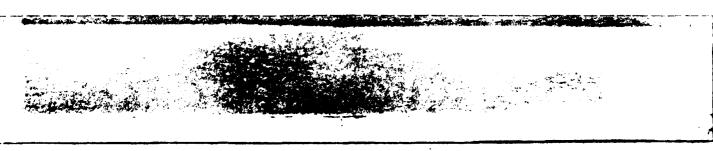
STATION	STATION NAME	69-70.73-80 YEARS	AP*
		LASS	1230-1400 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 2	1.6	3.1	3.2	. 3							8.4	10.2
NNE	.8	. 9	4.0	2.4		-1						8.2	9.2
NE	. 7	1.8	1.6	1.0	. 2							5.2	7.9
ENE	. 3	1.0	1.0	1								2.4	6.4
E	1.4	1.6	8	. 4								4.2	5.5
ESE	1.5	1.3	1.7	.9								4.9	7.1
SE	. 8	1.9	2.9	3.6	• 1						1	9.2	9.3
SSE	- 5	1.9	7.6	7.3	. 8							18.1	10.5
S	1.0	4.1	7.8	8.6	6							22.3	9.8
55W	• 1	. 7	2.1	9								3.8.	9.1
sw	• 2	6	1.3	.2								2.3	7.8
wsw	• 2	. 3	_ 1									. 7	4.2
w	. 4	. 3	. 1									.9	4.1
WNW	. 1		- 2	- 2								.6	9.2
NW	• 2		. 8	1.1	. 6							2.7	12.6
NNW	. 3	. 3	1.4	1.6	• 7	. 1						4.4	11.5
VARBL													
CALM	\ge	\ge	\geq	\ge	\times	\times	\geq	$\geq <$	\times	\times	>	1.5	
	8.4	18.2	35.4	31.6	3.2	2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



-1

10.3

SURFACE WINDS

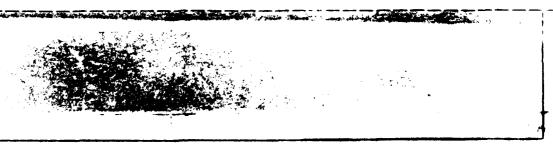
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 5 - 4	SERESTROM AFR TX	69-70.73	- 80	AP 7
STATION	STATION NAME		YEARS	MONTH
	<u></u>	ALL WEATHER		1530-1700
		CLASS		HOURS (L.S.T.)
				
		CONPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 7	1.1	1.8	3.1	. 7							7.3	19.3
NNE	4	1.4	3.7	2.4								8.0	9.0
NE	. 6	2.3	1.7	1.6			1					5.9	8.2
ENE	-4	1.8	. 8.	-1				Γ				3.1	5.6
E	1.2	2.1	1.7	• 2			_					5.2	5.9
ESE	3.	1.4	2.3	1.6								6.1	7.8
SE	. 9	2.0	5.0	3.2	. 4							11.6	9.3
SSE	. 4	3.4	8.3	10.1	1.0	.1						23.4	10.6
\$. 7	2.4	6.8	5.8	. 8							16.4	10.0
SSW	3	. 4	1.6	4.1								2.4	7.1
SW		• 1	• 7									. 3	7.9
wsw		2											4.0
w	•2	• 1		• 1								. 4	5.5
WNW	.1		- 3	. 4								. 9	9.6
NW		- 1	1.0	. 8	. 4							2.3	11.7
NNW		• 6	1.6	1.4	. 5							4.1	11.5
VARBL													
CALM	$>\!\!<$	\times		\times	\times	\times	$\supset \subset$	><	$\supset <$	$\supset \subset$	\times	1.7	
	5.8	19.3	37.1	31.0	3.9	- 1	1					100.0	9.2

TOTAL NUMBER OF DESERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



70

CLCBAL CLIMATOLOGY BRANCH CSAFLTAC AI: LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	STATION NAME	69-70.73-80 YEARS	AP ·
	ALL	MEATHER CLASS	1800-2306 HOURS (L.S.T.)
		ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 2	1.4	1.8	1.6	. 3							5.3	9.3
NNE	. 7	2.2	. 2.9	. 4								6.2	6.€
NE	1.2	2.3	. 9	- 4								5.3	5.8
ENE	2.3	2.:	.6	• 2	l			}]	}		5.1	4.5
Ę	1.8	3.1	1.2	. 3								6.4	5.2
ESE	4	1.7	2.8	. 6								5.4	7.3
SE	1.4	6.2	7.1	3.D	- 4						I	18.2	7.7
SSE	7	4.	9.4	7.7	وم				<u> </u>		L	22.7	9.6
_ S	2.0	4.2	3.9	2.2								12.9	7.5
SSW		3	. 2			<u></u>	İ					1.1	4.6
SW		-1	1			<u> </u>					<u> </u>	2	6.5
WSW	3	.1	L									- 4	نوف
w	3_		1_				ļ	L				. 4	3.3
WNW	1			3								- 4	11.5
NW	3_	. 2	. 6	2	2		<u> </u>		<u> </u>			1.6	9.4
NNW	4		- 9	1.1	2_		<u> </u>				<u> </u>	3.2	9.6
VAROL													
CALM	$\geq \leq$	$>\!\!<$	$\geq <$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	4.9	
	12.9	29.6	32.4	18.1	2.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900



CLUPAL CLIMATOLOGY BRANCH US AFETAC ATH REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	SERGSTROM AFR IX	69-70.73-86	ΔĒ
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	21.0-2300
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	3.6	1.9	1.1	. 3							5.2	7.
NNE	. 4	2.1	1.8	.2								4.6	ε.
NE	. 7	. 7	. 5									1.9	Ξ.
ENE	. 4	• 6	• 5						_		I	1.6	4.
E	. 7	9	•7									2.2	
ESE	- 4	. 2	1.1	• 6								2.9	7.
SE	1.3	3.3	3.1	1.0								ತಿ. 8	6.
SSE		5.4	9.1	6.0	. 6							23.1	• ف
\$	3.1	7.7	6.3	2.4	3							19.9	5.
SSW	, ,	1.3	3									2.5	4.
SW	6	1		. 1								1.0	3.
wsw	. 2	. 2		.1								1.1	3.
w	1.1	4										6	3.
WNW	. 4		3	• 2								1.5	7.
NW	8	- 4	• 2		.1	I.						1.6	5.
NNW	. 4	. 7	. 6	. 4	•1							2.2	7.
YARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	\geq	\geq	15.9	
		28.2	26.6	12.2]					120.0	5.

TOTAL NUMBER OF OSSERVATIONS

JECHAL CLIMATOLOGY GRANCH PROFESTAC ALL SEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

.: 4	BERGSTROM AFE TX	69-70.73-80	AP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	^L
		CLASS	HOURS (L.S.Y.)
	 	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.6	2.7	2.2	- 4	ĵ.						3.8	3.4
NNE	. 5	1.5	2.7	1.3	• 1	• ú						5.1	5.1
NE	.3	1.5	. 1.C	. 5	-1							3.9	6.7
ENE	٩٠	1.1	• 5	• 1								2.6	5. 0
E	1.2	1.0	• 9	.2								4 - 1	5.4
ESE	. 7	1.2	1.5	. 5								3.9	0.5
SE	iel	3.	3.3	1.7	• 1							5.2	7.7
SSE	تعنا	3.2	7.5	5.4	. 5							17.1	9.3
S	1.9	4.0	5.9	4.2	. 4							10.3	8.2
ssw		1.1	1.4	- 4								3.7	6.€
sw		. 5	5_	2					L			1.7	5.9
wsw_	5	3		ال هــــــــــــــــــــــــــــــــــــ					<u> </u>			.5	3.0
w	-9	- 4	1									1.5	3.5
WNW	4		2_	. 2								1.1	6.4
NW	. 6		. 7	-6	. 2							2.5	5.7
NNW	. 6	- 7	1	1.0								3.7	9.4
VARBL			Ļ										
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	$>\!\!<$	10.9	
	13-4	24.5	30.6	18.5	2.0	. 1	- 0					100.0	7

TOTAL NUMBER OF OBSERVATIONS

AL NUMBER OF OBSERVATIONS



CEDSAL CLIMATOLOGY BRANCH LEAFETAC AIR FEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

كتلطعت	TROM A	<u>er tx</u>				<u> </u>	73.73-	عنق				<u> </u>	AY
		STATION NAME 15-70.73-84 YEARS									м	ONTH	
					ALL WE	ATHER						<u> </u>	
					Çı	ASS						HOUR	\$ (L.1
						DITION							
					CON	DITION							
													
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME WI SPI
								_					
N	- 9	2.3	2.3	- 6								5.8	
NNE	5		1.1	. 3								2.5	٤
NE	- 6		. 1	. 1		L						1.5	4
ENE	<u> 8</u>	9	•1									1.4	3
E	1.4	1.2	3	.1								3.0	4
ESE	1.5	ن	• 6	• 1								1 و ذ	4
SE	1.	3.	1.2									⇒ 2	ر ا
SSE	5	4.6	3.8	.1								11.5	5
S	4.7	9.6	3.8	2.3								25.4	-6
SSW	2.9	2.7	1.									6.6	3
SW	1.5	1.	• 3	. 1								2.5	3
wsw	1.1	. 6	. 3	. 1								2.6	4
w	1.8	- 3	• 1									3	2
WNW		. 3										5	<u> </u>
NW	1.0	. 4	. 1	•1					T			1.6	3
NNW	1.1	1.1	. 3	2								2.7	4
VARBL													-
CALM	$\overline{}$											21.7	

TOTAL NUMBER OF OBSERVATIONS

* INTO AND AND RESIDENCE

100

100

LE 29 AL CLIMATOLOGY RRANCH CLAFÉTAC AL FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 · ii	HERGSTROM AFR TX	<u> </u>	-1	₩ & ≠
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		<u>.300+0500</u>
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥56	*	MEAN WIND SPEED
N	1.4	3.2	2.9	1.0	1							5.6	t = 7
NNE	. t	. 3	. 6	. 3								2.4	5.4
NE		. 9	. 2			Ĭ						ì	4.5
ENE	- 1	• 3	. 4	• 1								1.3	5.5
E	. 9	0	. 6		-							4.3	4
ESE	ç		.6	• 1								2.3	5 . 1
SE	7	2.9	1.3									7.	4.4
SSE	7.8	5.9	2.6	. 5								1100	ڏه د
5	4.8	5.8	5.7	. 8								1:.1	5.5
SSW	1.0	2.3	1.3	• 1								4.6	5.4
SW	1.3	1.3	. 5									ا د د	4.1
wsw	, t	. 4										1.1	۔ د د
w	1.7	• 6									Ī	2.4	ĉ. 9
WNW	λŁ	. 4	. 2				I					1.5	4.1
NW	. 5	. 6	. 1									1.4	3.5
NNW	.6	. 3	• a	. 3	- 1							2.2	7.1
VARBL						<u> </u>	1						
CALM	$\supset <$	$\supset \subset$	> <	$\supset \subset$	$\supset <$	$\supset \subset$	><	\geq	$\supset <$			28.5	
	21.9		18.0	3-2	- 2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 . 4 _	EFRGSTROM AFR TX	69-70-73-80	×A Y
STATION	STATION NAME	YEARS	MONTH
	A	LL WEATHER	
		CLASS	HOURS (L.S.T.)
	•		
		CONSTRUCT	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	44 - 55	≥54	*	MEAN WIND SPEED
N	2.7	2.1	2.9	9	.2							9.4	6.1
NNE	1.0	1.1	٤	1.1	.1				I			4.0	7.7
NE	: 2	1.4	2	. 2						I		3.C	4 . 9
ENE	1.1	1.2	• 2									2.5	4.5
E	1.7	2	4									4.2	4.1
ESE	1.2	1.2	1.0	. 3								2.7	5.7
SE	i	3.1	2.2	1								6.9	5.4
SSE		4	3.8	. 2								10.4	5.7
5	1.2	5.5	5.9	. 6								16.3	5 . 5
SSW		2.2	1.7	. 2								5.2	5.1
SW	. 4		. 1									1.4	4
wsw	q			1					!				3.3
w	1.1	. 4	1									1.6	لمد
WNW	9		2									1.7	غمد
NW	1.2	1	.5	3								تود	_5.1
NNW	. 9	1.1	1.1	3								3.3	6.3
VARBL													
CALM	\searrow	><	><	><	><	> <	> <	$\geq \leq$	$\triangleright <$	$\geq \leq$	><	19.3	
	23.7	29.R	22.C	4-4	. 3							150.3	4.4

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1:2 4	mERGSTROM AEB TX	69-70.73-EJ	MAY
STATION	STATION NAME	YEARS	MONTH
		ALL MEATHER CLASS	<u> [900-1100 Hours (L.S.T.)</u>
	_	CONDITION	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	46 - 55	≥56	%	MEAN WIND SPEED
N	5	1.4	1.8	2.5	.2	1						6.1	9.5
NNE	5	1.1	2.5	1.3	. 3							5.7	9.1
NE	10.	1.5	1.7	. 8	2							5.2	7.6
ENE	1.2	1.2	1.1	.2	•1							3.8	5.7
	1.4	2.1	. 4						I			4.5	4.5
ESE	4	1.5	1.3									3.5	5.5
SE	1.7	2.7	3.2	8		i						3.5	6.7
SSE		4.1	6.2	2.9	2							13.7	3
. s	1.7	4.7	3.8	5.7	5							22.5	t . 5
SSW	â	2.4	4.9	. 5								5.5	7.2
sw	. 3	1.3	2.2	1								4.4	6.2
wsw									I			1.2	3.5
w	٤	3	.2	.1								1.4	4.5
WNW	4		. 1	.1									i
NW		3	3	. 5				I				1.3	5.7
NHW	1.1	1.2	1.6	1.0								4.8	7.3
VARBL													
CALM	\times	$>\!\!<$	$>\!\!<$	\searrow	$\supset <$	><	><	$\geq <$	$\supset <$	$\supset <$	><	4.2	
	13.4	27.4	37.1	16.0	1.6	- 2						103.0	7.2

TOTAL NUMBER OF OSSERVATIONS

 $\mathbb{P}_{1,2}$

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	SERGSTROM AFR TX	69-70,73-30 YEARS	МА У МОМИН		
		ATHER	1200-1400 HOURS (L.S.T.)		
	CONI	DITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥36	*	MEAN WIND SPEED
N	1.0-	1.7	2.7	1.6	. 9							7.8	9.3
NNE	. 8	1.7	1.7	2.4								6.6	8.7
NE	.6	1.4	1.8	.6								4.5	7.2
ENE	1.3	2.0	1.4	• 2								4.9	5.5
E	1.6	1.5	1.8									4.9	5.1
ESE	1.4	1.6	2.0	. 6								5.7	6.3
SE	1.5	2.7	4.5	1.8						ļ		15	7.3
SSE	1.0	47	7.2	3.7	• 2							16.6	8.4
- s -	1.4	4.9	10.9	5.3	. 3			<u> </u>				22.€	8.5
SSW	- 4	1.6	2.7	. 3	-		 		<u> </u>			5.1	7.1
SW	- 2	1.1	.5	. 4			 		1			2.3	9 a E
wsw	1	. 4	- 3						 			9	5.3
w								 	<u> </u>				8.0
WNW		• 2	- 1	• 2								1 .5	9.2
NW	.2	• 6		.5						t		2.0	
NNW	- 4	. 9	4.3	.5			· · · · · · · · · · · · · · · · · · ·	 				2.2	<u></u> 9
VARBL	• •					 		 		 			<u> </u>
CALM	\times	$>\!\!<$	>>	\times	$\geq <$	>>	> <	\geq	$\geq \leq$	\times	>>	2.4	
	11.9	27.2	38.8	18.3	1.4							130-0	7.6

TOTAL NUMBER OF DESERVATIONS



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 4	LERGSTROM AFR IX	69-7 0. 73-80	₩ AY
STATION	STATION NAME	YEARS	MONTH
		ALL MEATHER	<u> 15.0+1700</u>
		CLASS	HOURS (L.S.T.)
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	25 - 33	34 - 40	41 - 47	48 - 55	≥\$4	*	MEAN WIND SPEED
N		1.2	2.6	2.7	. 8							7.8	13.5
NNE	. 5	1.7	1.8	1.6								5.7	8.0
NE	1.5	1.3	1.4	. 4		l						4.6	6.5
ENE	- 5	2.2	1.3	. 1								4.4	5.7
E	- 3	2.0	3.	. 1								6.5	5.4
ESE	5	2 . 6	2.8	1.2	• 2							7.6	7.6
SE	. 5	4.1	3.6	2.7	. 4				1			16.5	8.5
SSE	4	4.5	11.7	3.9	• 2							20.3	6 8
S	. 3	5.4	6.7	3.7	. 2							15.8	6.1
35W	. 2	. 5	9	.2								1.8	7.5
sw	3	. 4	. 5	.1								1.4	6.8
wsw	2	- 1	. 1					1				4	4 . 5
w	. 7			. 1									5.3
WNW	1	. 1		. 2					·		<u>├</u>	4	5.5
NW	- 4		- 4	.5						 	i ——	1.4	8.0
NNW		- 1	.9	-6								1.6	10.0
VAROL			• • • •					<u> </u>		 	 		1484
CALM	\times	>>	\times	\times	>	>>	> <	>>	\geq	\geq	> <	1.9	
	ж. М	21.0	42.7	18.2	1.3							100-2	7.9

TOTAL NUMBER OF OBSERVATIONS



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1374	RERGSTROM AFR TX	69-70-73-60	MAY
STATION	STATION NAME	YEARS	MONTH
		ALL MEATHER CLASS	1859-2599 HOURS (LIS.T.)
		CONDITION	

NE NE ENE	1.4 .5 .8	1.8 1.7	1.7	. 9	- 1								
NNE NE	5	1.7	1.7			L .						5.9	6.4
	8			. 1.2								5.2	7.
ENE		لتمت	. 9	3								3.2	5.
	1.1	3.2	. 3	. 3								4.9	4.
8	1.8	3.2	1.5	. 3								6.9	5.
ese	.6	4.7	2.4	. 2								5.3	5.
SE	2.5	7.4	3.8	1.6	. 1							23.4	6.
358	2	8.4	9.8	3.3								23.5	7.
5	1.5	5.2	3.9	.6								11.3	6.
SSW	2	. 4	. 3			• 1						1.1	7.
sw	- 1		• 1									-2	Ł
wsw	.2	. 1										1	3.
w	. 3	. 1			. 1							5	- 6.
WNW	- 1	- 1	- 1	. 1								- 4	1.
NW	. 3	.6	. 3	.2	. 1							1.6	7.
NNW	.2	4.3	- 46	.2								1.4	7.
VARBL													
CALM	> <	> <	\times	> <	>	>	>	> <	$>\!\!<$	> <	> <	5.1	

TOTAL NUMBER OF DESERVATIONS

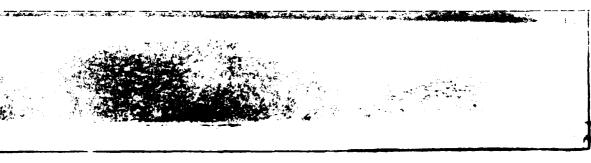
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

129 4	SERGSTROM AFR TX	69-70-73-80	
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u> 21:0-2300</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	2.0	. 3	.2							6.3	6.3
NNE	5	. 4	9	4								2.3	7.3
NE	1.1	9	. 5	1	2	L						2.8	5.9
ENE	1.7	1.7	.2									2.9	3.4
Ę	1.5	. 3	6	. 2								2.7	5.2
ESE	1.6	1.7	• 5	. 4								4.3	5.2
SE	2.3	4.4	3.2	. 3	1							10.3	5.7
SSE	2.9	7.5	8.9	2.2								21.5	6.8
S	4.1	9.6	6.7	.1								20.4	5.5
SSW	1.3	. 6	. 4									2.4	4.1
5W	3		• 2					I				. 5	4 . C
wsw	4	. 3										3.	3 و ذ
w	1.41	. 3	.1									1.4	3.00
WNW	- 2			.1								.3	0.7
NW	9	.3	. 3	.2				_				1.7	5.2
NNW	3	1.3	3	. 3								1.9	0.4
VARBL													
CALM	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\geq	\times	\times	X	17.4	
	71.3	31.0	25.1	4.7	- 5							120.0	4.6

TOTAL NUMBER OF OBSERVATIONS



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 19 4	BERGSTROM AFR TX	69-70-73-80	
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
			
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
2	1.3	2. '	2.4	1.2	. 3	. a						7.2	7.7
NNE	. 6	1.2	1.4	1.1	1							4.3	7.9
NE	. 9	1.2	9	3								3.3	6.2
ENE	1.0	1.5	. 6	- 1	• 0							3.3	5 . G
E	1.3	1.7	1.1	•1								4.4	5.1
ESE	1.0	1.9	1.4	- 4	G							4.6	6.0
SE	1.8	3.8	4.1	- 9	.1	9				I		10.7	6.6
SSE	1.9	5 . 5	6.7	2.1	1							16.2	7.2
5	2.9	6.6	7.4	2.4	.1							19.4	6.9
SSW	1.1	1.5	1.6	•2		• 0				I		4.5	5.8
\$W	. 5	. 7	. 6	.1			Ι					2.0	5.3
wsw	5	. 4	.1	•0								1.0	4.0
w	و	3	.1	-0	9							1.2	3.5
WNW	. 3	.2	.1	- 1								.8	5.2
NW	. 6	. 5	. 3	- 3	n							1.8	6.1
MMW	.6	- 7	.7	. 4	.0							2.5	6.9
VARBL										<u> </u>			
CALM	\times	\times	><	$\supset <$	$\supset \subset$	>>	$\supset <$	$\supset \subset$	><	$\supset <$	>>	12.6	
	17.3	29.9	29.6	3.8	8							100-0	5.8

OTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 / 9 4	BERGSTROM AFR TX	69-70.73-80 YEARS	
		ALL WEATHER CLASS	1000-0200 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	- 5	. 7	1.2	. 2		.1						2.8	7.2
NNE	2	. 6	. 8	. 1								1.7	6.9
NE		. 8	1	. 3					l			1.8	5.8
ENE	. 1	. 7									T	. 8	4.1
E	. 6	. 4		. 1					<u> </u>			1.1	4.4
ESE	. 7	• 2		.1								1.0	3.9
SE	1.3	1.3	.2	. 1			T					3.0	4.0
SSE	3.2	4.3	4.7	1.1								13.3	6.1
\$	5.7	14.7	12.3	3.6	ì							37.2	6.2
\$\$W	3.0	4.4	. 7	. 3								8.4	4.6
SW	1.6	. 6										2.1	2.8
W\$W	1.2	• 2										1.2	2.5
w	7	4.6										1.2	2.8
WNW	• 2											.2	2.0
NW		. 6				·						-6	4.6
NHW	.2	-1	<u> </u>									- 3	3.3
VARIL							 	<u> </u>	 				
CALM	\times	\times	\times	\times	$\geq <$	\times	\times	\times	\geq	$\geq \leq$	>	23.2	
	20.6	30-1	20.0	6-0								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	RERESTROM AFR TX STATION NAME	69-70,73-80	YEARS	MONTH
		ALL WEATHER CLASS		1308-0500 Hours (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.1	.6	.1			ĺ					4.1	4.8
NNE	.9	8	• 2	.3								2.2	5.5
NE	2	3.	. 4									1.6	5.6
ENE	•2					<u>-</u> .		1				• 2	3.0
ŧ	. 4	. 6										1.0	3.8
ESE	6	• 2										a à	2.6
SE	1.8	. 7	• 2									2.7	3.2
SSE	1.3	4.3	2.1	. 7								10.4	5.3
S	6.4	12	9.7	2 • 0								28.3	6.1
SSW	3.3	2.4	2.2	- 2								8.2	4.9
sw	1.2	1.1	- 3									2.7	4.5
wsw	1.1											1.1	2.2
w	9	. 2										1.1	2.4
WNW	. 2	1										.3	2.7
NW	7	. 6						Γ				1.2	3.4
NNW	7	. 4										.8	4.3
VARSL													
CALM	$\geq <$	$>\!\!<$	> <	> <	$\ge <$	$\geq <$	> <	$\geq \leq$	\times	$\geq \leq$	\times	33.2	
	23.0	24.6	15.8	3.4								160.0	3.5

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BERGSTROM AFB TX	69-70-73-80	JŁ'i
STATION NAME	YEARS	MONTH
	ALL WEATHER	<u> </u>
	CLASS	HOURS (L.S.T.)
	CONDITION	
	EERGSTROM AFR TX STATION NAME	STATION NAME ALL MEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.8	1.4	. 9	2					<u> </u>			5.3	4.4
NNE	. 9	1.1	1.1	. 6								3.7	6.7
NE	7	. 9	. 3	.1								1.9	4.5
ENE	- 4	3	.1							Ţ		. 9	4.4
E	9	3	.1									1.3	3.3
ESE	1.3	. 7	. 3									2.0	3.5
SE	1.4	1.5	8	• 2	.1							4.3	5 . 1
SSE	3.6	5.7	2.4	. 3								12.0	5.0
\$	3.9	8.2	12.9	2.8	.1							27.9	7.1
SSW	1.3	2.4	1.7	. 9								5.3	6.5
SW	1.3	1.9	. 7	2								4.1	5 .
wsw	1.2	. 3	2									100	3.4
w	. 8	. 3	1									ia2	3.2
WNW	6	3	. 2				I					1.1	3.8
NW	7	. 3	-2									1.2	3.6
NNW	1.4	- 7		. 1								2.2	3 . 3
VARBL													
CALM	$\supset <$	><	><	\geq	\times	$\geq \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	\boxtimes	$\geq <$	$\supset <$	$\geq <$	> <	22.7	
	22.9	26.7	22.1									100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH USAFETAC Alm Weather Service/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFR TX STATION NAME		Jit.'.
		ALL MEATHER CLASS	988-1173 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 6	1.3	. 9	. 6								3.3	6.3
NNE	1.2	1.4	1.4	. 3						1		4.2	6.3
NE	. 3	1.6	. 9	• 2								3.0	6.6
ENE	1.7	1.3	. 1									3.1	3.5
E		. 3	• 3			.:						2.3	5.3
ESE	1.0	1.7	. 3									3.3	4.6
SE	1.1	1.4	1.1	. 1								3.8	5.2
SSE	1.2	2	5.0	2.7		ĺ						13.9	3 م ن
5	2.5	7.2	15.6	7.1	. 4	• 1						33.2	85
SSW	. 5	4	8.4	3.0	. 2							16.4	8.2
SW	1.3	1.7	1.5	. 6								5.6	0. 2
wsw	- 4	. 7	. 7									1.8	5.4
w	.6	. 9	3									1.3	4.5
WNW	1			. 1								.2	3.5
NW	. 2	6	. 1	. 3								1.2	7 o iu
NNW	. 4	2	- 1	. 4								1.2	7.6
VARBL													
CALM	$\supset <$	> <	> <	$>\!\!<$	> <	><	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	5.2	
	14.7	27.0	37.1	15 L	. 7	2					<u></u>	150.0	7

TOTAL NUMBER OF OBSERVATIONS

900

BLUTAL CLIMATOLOGY BRANCH STAFFTAC ATT AEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

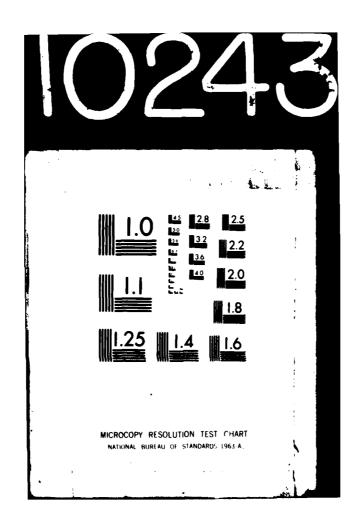
STATION	SERGSIROM AFS IX	69-71,77-53 YEARS	MONTH
	ALJ	L SEATHER CLASS	15 5-145. HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	1.1	1	• 9								. 4.0	. i • 9
NNE	. 2	1.0	1.4	3								3.0	7.4
NE	1.1	1.7	1.4	. 3								4.6	.0
ENE		1.3	1.7	. 6								4.3	~ · 7
E	6	2.8	_ 6	. 2								4.1	3 و د
ESE		2.1										3.7	4.5
SE	1.5	2.8	3.1	. 7								7.6	Ē. • 7
SSE	1.0	4.6	17.1	3.8	L							19.4	ت و د
5	2	8.8	14.0	7.1	<u> </u>							72.4	5.4
ssw	laí.	2.5	3.3	. 9	. 1	1						7.4	7.7
sw	7	1.1	9	. 1								2.5	6.0
wsw	2	1	. 6									. 4	4.0
w	2	4	. 1										4.6
WNW													4.
NW		- 1	1	2								. 7	7.3
NNW	6		1	. 6								1.2	7 . 5
VARBL				_ /									
CALM	\times	\mathbb{X}	$\supset <$	> <	><	><	><	><	$\geq <$	><	> <	2.7	
	11.4	_		15.7	- 7	1						154.5	

TOTAL NUMBER OF OBSERVATIONS

	A110 243	AUG 81	AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTERETC F/G 4/2 BERGSTROM AFB, AUSTIN, TEXAS REVISED UNIFORM SUMMARY OF SURFACEETC(U)											
UNC	LASSIFIED	USAFETA	C/DS-81	/088		S81-AD-E850 126					NL			
	2 · 5													
						-								

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	69-70.73-80 YEARS	JUN MONTH
		ALL WEATHER CLASS	1500~1700 HOURS (LIST.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 4	9	- 8	. 7								2.8	7.1
NNE	3	9	1.4	9		. 1						3.7	8.6
NE		2.3	2.6	_ 3								5.9	6.5
ENE	1.4	2.1	1.2	. 2								5.0	5.2
E	.7	3	1.6									5.2	5.4
ESE	4	2.2	1.6	. 4								4.7	6.7
SE	. 9	5.4	5.4	. 8								12.4	6.8
SSE	1.2	6.3	12.1	7.6	. 3							27.6	8.8
\$	1.1	4.8	13.3	4.9	- 3							24.4	8.7
55W	. 4	1.3	1.2	.6			[.					3.6	7.1
sw	2	- 3	. 3	. 1			1					1.0	6.6
wsw	-6	. 1										7	2.8
w		. 1					<u> </u>					1	4.5
WNW			.1				1					2	7.0
NW			- 1	. 1								2	11.C
NNW	.2	.2	. 3	• 2								1.0	7.6
VARSL		-							t				
CALM	\geq	\times	\times	$\geq \leq$	\ge	> <	$\geq \leq$	$\geq \leq$	\geq	\geq	\times	1.6	
	8.6	30.2	42.1	16.8	7	.1						130.0	7.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

SURFACE WINDS

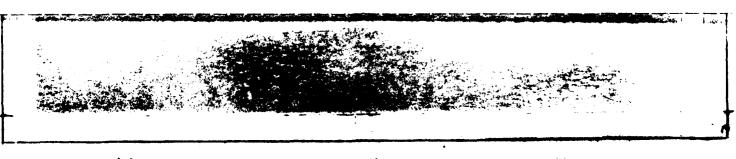
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 3 . 4	BERGSTROM AFR TX	69-70-73-80	JUN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1800-2000
	·	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	. 8	1.5	•2								2.6	6.3
NME	1	1.0	. 3	• 1								1.6	5.9
NE	3.	1.1	1.6	• 2								3.7	6.2
ENE	1.2	2.3	. 8	•1					<u> </u>			4.4	4.9
E	1.9	3.4	. 4									5.8	4.2
ESE	.8	3.9	2.4									7.1	5.9
SE	2.2	8.1	7.7	1.1			L					19.1	6.5
SSE	2.9	7.9	14.6	7.3	3							33.0	8.3
5	1.1	5.3	5.4	2.2	•2							14.3	7.6
55W	. 4	. 6	. 6	.1								1.7	5.5
SW	.2	1									Ī	3	2.7
WSW	. 3	.1									Ī	- 4	3 a C
W	1											1	2.0
WNW												1	
NW	- 2	. 4			•1							. 8	5.7
NNW		• 7	- 1	•2		_						1.0	7.4
VARM													
CALM		>>	$>\!\!<$	> <	$\supset \subset$	$\supset <$	$\geq <$	\ge	><	$\supset <$	$\geq \leq$	4.1	
	12.9	35.8	34.0	11.7	- 7							100-0	6.7

TOTAL NUMBER OF OBSERVATIONS

900



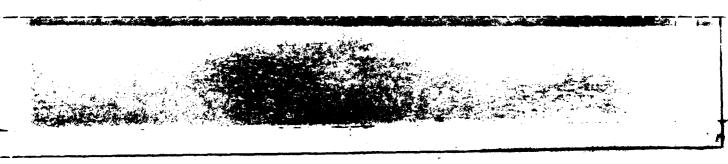
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 7 9' 4 STATION	STATION NAME	69-70,73-80 YEARS	MONTH
		ATHER	2100-2300 HOURE (L.E.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	1	9	6	2								1.8	6.5
NNE	- 6	7	4	1								1.8	5.3
NE	. 4	. 8	- 4	. 2	.1]	2.0	6.4
ENE	.8	. 8				Ī					1	1.6	3.6
E	-7	. 8										1.4	3.7
ESE	.6	1.2	4.3									2.1	4.5
SE	2.1	3.4	3.6	•2							T	9.3	5.7
SSE	3.8	9.0	11.8	1.8					<u> </u>			26.3	6.7
5	5.3	12.1	19.7	2.3							<u> </u>	30.4	6.3
SSW	. 3	1.3	.6	.1	T							2.8	4.7
SW	. 7					i ———						.7	2.0
wsw	. 7		,	-1								. 9	4.6
w	- 3	. 1							† -			- 4	2.5
WNW	- 1	. 1	-,						l			. 3	5.3
NW	• 3			<u> </u>								. 3	2.7
NNW	- 1	. 3	- 1	<u> </u>			<u> </u>				1	- 7	5.7
VARSL						<u> </u>	 	<u> </u>		 			
CALM	\boxtimes	\times	\times	> <	\times	\times	\times	\times	\times	\times	\times	17.1	
	17.3	31.6	28.7	5.2	1_							100-0	5 . C

TOTAL NUMBER OF OSSERVATIONS



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13984	BERGSTROM AFR TX	69-70.73-80	NUL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	_ ALL
	· · · · · · · · · · · · · · · · · · ·	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥54	%	MEAN WIND SPEED
N	. 9	1.2	.9	. 4								3.3	6.0
NNE	. 5	• 9	. 9	. 3		• 0						2.7	6.8
NE	. 6	.1.2	1.0	.2	. 1						<u> </u>	3.0	6.1
ENE	. 8	1.2	• 5	• 1								2.5	5.0
E	. 8	1.5	. 4			0						2.7	4.7
ESE	. 7	1.5	.7	1								3.0	5.2
SE	1.5	3.1	2.8	*	0							7.8	6.0
SSE	2.5	5.5	7.8	3.2	1							19.1	7.4
\$	3.7	8.9	11.7	4.0	. 2	2						28.5	7.3
ssw	1.4	2.3	2.3	. 8	.0	. 0						6.9	6.6
SW	. 9	. 9	5	1								2.4	5.1
WSW	8	• 2	.2	a n								1.2	3.8
w	- 4	. 3	-1									. 6	3.5
WNW	. 2	-1	.1	G								. 3	4.4
NW	. 3	. 3	-1	.1	.0				ļ			. 8	5.2
NHW	4	.3	. 1	• 2								1.1	5.9
VARBL													
CALM	\times	$>\!\!<$	\times	> <	> <	$>\!\!<$	> <	> <	>>	\boxtimes	$\geq <$	13.7	
	16.0	29.5	30.0	10-0		1_						100-0	5.7

TOTAL NUMBER OF DESERVATIONS 7200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17914	BERGSTROM AFR TX	69-70.73-AD		
STATION	STATION NAME	Ψ1	EARS	MONTH
		LL WEATHER		0000-0200
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥#	*	MEAN WIND SPEED
N	. 3	.2										5	2.8
NNE													
NE	.4	.1	1									.6	3.2
ENE	. 4	• 2	• 1								I	в	3.7
E .	.6	- 2	. 1	1								1.1	4.2
ESE	. 5	. 8										1.3	3.6
SE	1.4	. 9	1									2.4	3.3
SSE	3.5	3.4	1.0									8.0	4.0
\$	14.2	17.4	4.9	3			-					36.9	4.4
\$5W	5.1	8.4	2.6	• 2								16.2	4.7
SW	2.9	2 . 8	. 4	.1								6.2	3.8
WSW	1.3	. 5	1									1.9	3.2
w	. 3	1										- 4	2.3
WNW	1	- 1						I	I			_ 1	4 . 0
NW	- 1	1										•2	3.0
NNW	. 3											.3	1.3
VARBL	1							[T	<u> </u>		
CALM	$\supset <$	> <	$>\!\!<$	\geq	>>	\boxtimes	$\supset <$	> <	$\geq <$	\times	> <	23.0	
	31.5	35.3	9.5									100-0	3.2

TOTAL NUMBER OF COSSERVATIONS

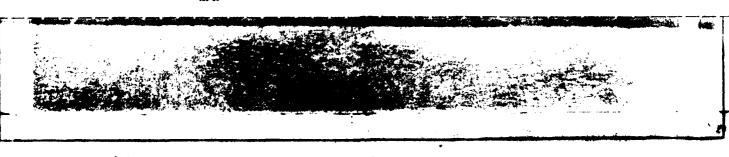
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13904	BERGSTROM AFB TX	69-70.73-80	JUL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9	. 2	• 2									1.3	3.8
NNE	.2	. 2	1									. 5	4.4
NE	.1	2								<u> </u>		3	4.7
ENE			• 1			<u> </u>]		<u></u>	<u> </u>		.1	9.0
£	.6											.6	2.3
ESE	1	5	.2									. 9	5.3
SE	1.3	6	.1									2.0	3.1
SSE	4.1	1.2									Ĺ	5.3	2.6
\$	14.1	8.5	1.7	2								24.5	3.6
\$5W	5.4	5.4	1.0	•1							l	11.8	3.9
SW	4.0	1.9	• 5	[I			6.5	3.2
WSW	1.2	. 5				I						1.7	2.7
*	4	1										. 5	2.4
WNW	. 8					I						. 8	1.9
NW	-4											. 4	2.3
NNW	-2											2	2.5
VARBL	.1				1	Ì		j	<u> </u>				3.0
CALM	\searrow	\times	\times	\times	\times	\boxtimes	\times	\times	\times	\times	>>	42.4	
	33.9	19.5	4.0	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 93%



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13904	BERGSTROM AFR TX	69-70.73-80		
STATION	STATION NAME	YEARS		MONTH
	AL1_	WEATHER	. <u></u>	0600-0800
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			- 2									1.5	3.9
NNE	- 5		. 2	-1								1.3	5.4
NE	3	- 3	. 2										4.5
ENE	9	4							<u> </u>		<u> </u>	1.3	2.6
E	5	A	. 1		<u> </u>	<u> </u>						1.4	3.6
ESE	9	1.4	. 2									2.5	4.0
SE	1.7	1.2	- 2		<u> </u>	<u> </u>						3.1	3.6
SSE	2.8	1.5	- 2									4.6	3.3
<u> </u>	8.4	9.9	3.1			<u></u>		ļ				21.5	4.4
SSW	4.1	5.6	3.3	-4		<u> </u>		ļ	L			13.4	5.2
\$W	2.0	3.4	1.2	-2		<u> </u>	<u> </u>	ļ				7.7	4.8
WSW	1.2	8	- 4			<u> </u>		ļ				2.4	4.1
W	1.1	1.0						ļ				2.0	3.2
WNW	. 2	- 5	.1					L					4.6
NW					-1					<u> </u>		1.0	3.9
NNW		. 2						<u> </u>				1.0	3.0
VARBL					L			<u> </u>					
CALM	$\geq \leq$	><	$\geq <$	$>\!\!<$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	33.5	
	27.7	27.8	9.7	1.1								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



Total Andrews

GLUBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3 -6 4	BERGSTROM AFB TX		JUL BONTH
		ALL WEATHER CLASS	0936+1127 ROUBS (L.S.T.)
	-	COMPLICE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	• 9	• 3	• 2								2.€	4.6
NNE	3.	• 4	• 2									1.4	3.9
NE	. 8	• 9	•2									1.8	4.2
ENE	1.0	• 5	• 2									1.7	3.9
E	1.2	1.5	•3									3.0	4.2
ESE	• 5	1.1	.4									2.0	4.9
SE	1.0	1.7	• 5									3.2	4 . 8
SSE	1.9	3.4	2.0	• 3								7.7	5.4
\$	3.1	11.2	10.1	2.2								26.6	6.6
SSW	2.3	8.6	7.0	1.8								19.7	6.7
sw	2.6	6.5	4.3	.8								14.1	6.0
WSW	• 9	2.3	.6	• 1				-				3.9	4.9
w	1.4	1.6	• 2									3.2	3.4
WNW	• 5	• 4	7									1.0	3.2
NW	•2	• 3	• 2	• 1								.9	5.8
NNW	•6	. 4	• 3									1.4	4.2
VARSL													
CALM	><	>>	\times	X	\times	$\geq \leq$	>>	><	><	>>	\mathbb{X}	5.6	
	20.1	41.7		5.5			1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

SECHAL CLIMATOLOGY RRANCH L ASSTAC HT WEATH F SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFB TA	69-75,73-80 YEARS	<u>ان</u> ال MONTH
		ALL WEATHER	1203-140U HOURS (LE.V.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 4	• 5	• 5	•1			Ĺ.					1.8	5.6
NNE	1.1	. 6	.3	. 2								2.3	5.1
NE	3	1.5	. 4	• 1								2.4	5.7
ENE	1.0	1.5	. 4	•2								3.1	4.7
E	1.2	3.0	1.1									5.3	4.9
ESE	1.0	1.3	1.1	• 1								3.4	5.4
SE	1.8	5.2	2.0	• 3		· · · · · · · · · · · · · · · · · · ·						9.4	5.3
SSE	2.9	7.0	5.3	. 9		ļ ———						16.0	6.1
\$	3.5	13.9	11.5	2.6	• 2				l			31.7	6.7
SSW	1.4	5.6	3.8	. 9					<u> </u>			11.6	6.4
SW	1.0	2.2	1.5	. 1		i						4.7	5.5
WSW	1.2	9	. 4									2.5	4.5
w	5	. 3			<u> </u>							9	2.9
WNW	4											4	2.3
NW	. 1											.1	1.5
NNW	• 2	- 3	.5	.1								1.2	7.5
VARBL			-									***	
CALM	\times	\mathbb{X}	X	\times	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	3.2	
	18.1	44.0	28.9	5.6	. ?							150.0	5.8

TOTAL NUMBER OF OBSERVATIONS

ULUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17914	SERGSTROM AFB TX	69-70,73-80	JüL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u>1500-1700</u>
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	• 3	•1	• 2								1.0	6.3
NNE	• 1	1.3	1.1	• 3								2.8	7.3
NE	• 5	.6	. 9	•2								2.3	7.0
ENE	• 5	1.3	• 5									2.4	5 • G
E	.9	3.1	1.5	• 1								5.6	5.5
ESE	1.5	2.5	2.6	.6		• 1						7.4	6.9
SE	1.9	6.7	5.8	1.0				L		L		15.4	6.5
SSE	1.7	11.6	8.5	1.2	• 1	<u></u>						23.1	6.6
5	2.4	11.9	9.9	2.2		L						26.2	6.8
ssw	1.0	2.2	1.8	. 4		<u></u>		L		l		5.4	6.3
sw	. 8	. 9	1.0	•1	. 1							2.6	6.5
wsw	•2	• 3	• 1		L					L		.6	4.3
w	• 5	. 4	•1	Ĺ						L		1.1	4.1
WWW		• 1						<u> </u>				.1	4.0
NW .	.3	. 3	•1							<u> </u>	<u> </u>	• 8	4.1
NNW	• 1	• 1		• 1			L	L				. 3	6.7
VARBL												1	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.9	
	12.8	43.7	34.0	6.5	.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

LE FAL CLIMATOLOGY BRANCH U AFLITAC. ATH WEATHER SERVICEMANC

SURFACE WINDS

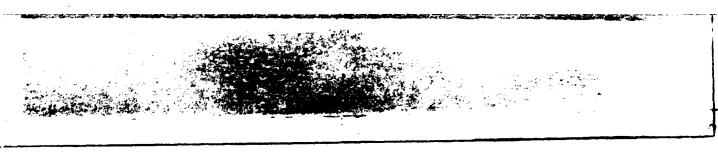
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION MARE	69-70.73-90	YEARS	J'. (
		ALL JEATHER		16/30 - 2 C
		COMPLYOR		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 5	5	.3	•1								1.5	4.9
NNE		. 4	8.	• 2								1.4	5.4
NE	.2	. 9	. 4	. 3								1.5	ن ۽ ز
ENE	• 9	1.	• 2		}			1				2.0	4
E	. 4	2.3	1.6									4.3	5.0
ESE	. 8	4.4	2.0	• 3								7.6	5,9
SE	2.7	8.6	6.7	1.4	•1							19.5	6.4
SSE	5.0	9.9	13.5	2.5	•1							27.9	6.5
S	4.5	15.4	7.7	1.3								23.9	6.0
ssw	. 6	. 9	. 6									2	5.2
sw	.2	. 4	-1									. 8	4.5
wsw	.1	_ 3										- 4	4.0
W	.2												2.5
WNW	.1	1										• 2	3.3
NW	[-1	• 3									.4	0.
NNW	.2		• 1	•2								• 5	7.6
VARBL											T		
CALM		\geq	\times	\times	>>	\times	\times	\boxtimes	\times			5.2	
	16.6	40.2	31.4	6.4	. 2							198.6	5 . 3

TOTAL NUMBER OF OBSERVATIONS

927



SECHAL CLIMATOLOGY BRANCH USAFETAC ALL MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

i ', 'L	BERGSTROM AFB TY	69-70,73-80	JUL
ROITATE	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 1	• 5										,6	4 • 8
NNE	• 1	ر •										• 6	4.7
NE	• 2	- 4										• 6	4.0
ENE	• 6	• 2				}			1			. 9	3.0
E	1.1	• 0										1.9	3•2
ESE	2.5	• 0	• 5									3.9	3 • ≈
SE	2.2	3.0	2.3		• 1							7.6	5.4
SSE	5	12.1	5.7	• 6								23.	5.4
5	6.6	15.4	11.2	2.3								35.5	6.1
SSW	1.0	1.7	1.0	• 3								5.0	4.5
SW	. 8	• 3	• 1									1.2	3 • E
wsw	• 1		• 1									• 2	6.0
w	• 2											• 2	2.5
WNW	• 4											• 4	2.0
NW	• 1			• 1					1			• 2	7.0
NNW	• 2	• 1										• 3	3.5
VARBL													
CALM			><	><		><		><	> <	$\supset \subset$	><	17.3	
	21.7	36.1	20.9	3,3	,1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

927

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



LEDIAL CLIMATOLOGY PRAYCH CLIMATOLOGY PRAYCH CLIMATON SERVICIZMAC

SURFACE WINDS

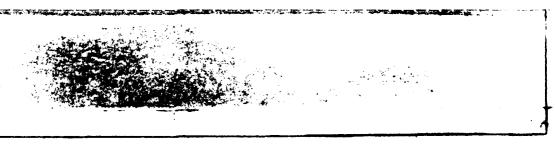
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	SERGSTROM AFB TX	69-70,73-80	
BOLTATE	STATION NAME	YEARS	MONTH
	<u> </u>	ALL WEATHER	ALL
		CLASS	HOURE (L.S.T.)
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
и	ó	i i	• 2	1								1.4	4.7
NNE	. 3	٤	• 3	• 1								1.3	5.9
NE	. 4	- 6	. 3	.1								1.3	5.5
ENE	.7	• 6	• 2									1.5	4.2
E	. 8	1.5	. 6	. ت								2.9	4.8
ESE	1.0	1.6	. 9_	1								3.6	5.5
SE	1.7	3.5	2.2	. 3	• 7				L			7.8	5.7
SSE	3.3	6.3	4.1	7	1							14.4	5.7
S	7.1	12.3	7.5	1.4								28.4	5.6
\$SW	2.7	4.8	2.6	. 5				L				10.7	5.5
sw	1.9	2.3	1.1	. 2	• 0							5.5	4.9
WSW	• 8	. 7	. 2	. 1								1.7	4.1
w	.6	• 4										1.1	3.2
WNW	3		<u>. n</u>									. 5	3.1
NW		1_		.0	- 3							• 5	4.6
NNW	. 3	1		-1								• 7	4.8
VARSL	2.											• G	3.5
CALM	$\geq \leq$	$>\!\!<$	\sim	$>\!\!<$	>>	$>\!\!<$	><	><	$\geq \leq$	><	><	16.7	
	22.8	36.0	20.7	3.7	1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



40

CLUSAL CLIMATOLOGY BRANCH ESAFETAC AT WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15 / 4	BERESTROM AFB TX	69,72-80	8.0 %
STATION	STATION NAME	YEAPS	HOHTH
		ALL WEATHER	0 000- 0250
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 8	. 3										1.1	2.8
NNE	• 3	• 1										. 4	3.3
NE_	6	. 4	• 3	• 1								1.5	4.5
ENE	.€	• 5				,				i	[1.2	3.4
£	1.5	1.0										2.5	5.4
ESE	• 5	• 6	• 5									1.8	4.8
SE	1.6	1.3	• 9									3.3	4.4
SSE	2.4	3.4	1.3	. 3								7.4	4.7
S	7.9	12.6	3.8									29.2	4.3
SSW	4.3	5.5	1.8	• 1								11.7	4.3
sw	2.9	1.6	• 1	• 1								4.7	3 • 3
wsw	. 8	. 4	• 1									1.3	3.3
w	. 4											.4	1.8
WNW	• 1	• 1										• 2	3.5
NW	•8											.8	2.3
NNW	• 4											.4	2
VARSL													
CALM	\times	\times	\times	\mathbb{X}	$\geq \leq$	\times	$\geq \leq$	\times	$\geq \leq$	\times	$\geq \leq$	31.5	
	23.1	28.0	11.8	.6								100.6	3.0

TOTAL NUMBER OF OBSERVATIONS

537



CLOSAL CLIMATOLOGY BRANCH UN FETAC 41 - WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>1 ~ </u>	SERGSTROM AFB TX	69,72-80	&c
BTATION	STATION MAME	YEARS	MONTH
		ALL WEATHER	0300-0500 Noves (E.E.T.)
		CLASS	HOURS (L.S.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 9	ני										1.4	3. 0
NNE	. 4	2										. 6	3.2
NE	.6		• 2									• 9	3.5
ENE		• 3	• 1									1.0	3.4
E	1.5	• 3										1.8	2.7
ESE	1.1	• 6										1.7	3.0
SE	1.3	1.4	• 3									3.0	3.9
SSE	2.7	2.9	.1	• 2								5.9	4.0
5	7.7	6.9	2.3	- 1					I			17.0	4.0
SSW	4.5	3.8	1.1			L						9.4	3.9
sw	1.9	1.3	. 2									3.4	3.3
WSW	1.0	1										1.1	2.5
W	2		. 1]				- 3	4.7
WNW	- 1		1									. 2	5.0
NW	3.	1										. 9	2.5
NNW	. 8	• 1		• 1								1.0	3.2
YARBI.													
CALM		\geq	\geq	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	><	50.4	
	26.0	13.6	4.5	. 4								100-0	1.9

TOTAL NUMBER OF OSSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



77

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

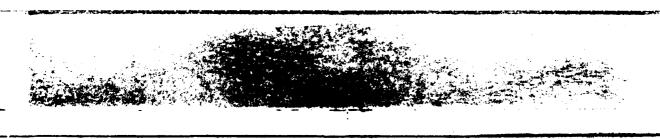
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

199.4	SERGSTROM AFE TX	69.72-80	A U G
STATION	STATION NAME	VEARS	HOHYH
		ALL WEATHER	<u> 3650-1853</u>
		CLASS	HOURS (L.S.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.5	• 6	. 4									2.5	3.6
NNE	• 5	1.1	• 1									1.7	4.3
NE	. 4	• 9	• 3									1.6	4 . 8
ENE	. 9	1.1	• 1								,	2.0	4.
ŧ	1.7	. 9	• 1									2.7	3 • ∶
ESE	1.1	1.5										2.6	3.8
SE	4.2	1.2	. 4									3.8	3.
SSE	4.1	2.4	. 9	. 4								7.7	4.
S	6.2	5.9	3.2	• 2								15.6	4.6
ssw	1.9	4.1	1.2									7.2	4.
sw	1.0	1.0	• 3		I							2.3	4.
wsw	1.0	• 5	• 1									1.6	3.
w	• 9	• 2										1.1	2.
WNW	• 6	• 1										•8	2.
NW	_ •5	• 5										1.1	3.
ним	• 5	• 1	• 1									•6	3.
VARBL													
CALM	$\geq <$	><		><	$\supset <$	><	$\supset \subset$	> <	><	$\supset <$	><	44.0	
	25.1	23.0	7.3	.6								100.0	2.

TOTAL NUMBER OF OBSERVATIONS

0.7



TELFAL CETMATOLOGY BRANCH C. FETAC FIT SEATHER SERVICE/MAC

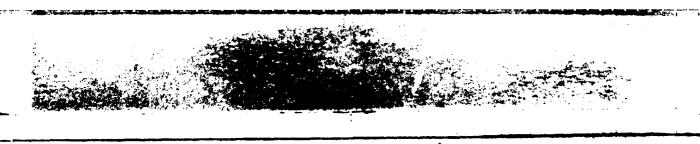
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERGSTROM AFS IX	69.72-8C	A C.
		ALL WEATHER	3900-1130 MOVER (L.E.T.)
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	• ?	3	•1								2.3	4.7
NNE	1.2	1.0	1.1									4.2	5.
NE	1.1	3.1	. 5									4.7	4.
ENE	1.1	1.8	.9									3.8	4.
E	1.8	1.5	. 6	•1								4.1	4.
ESE	1.3	1.3	• 5	- 1								3.2	4.
SE	1.4	1.4	1.5	.1								4.4	5.
SSE	3.3	3	1.8	.9								9.0	5.
S	3.3	5.4	13.4	1.7								20.9	6.
SSW	2.2	52	6.8	1.0	4.1							16.3	6.
sw	1.7	3.2	3.9	.6			<u> </u>	<u> </u>				9.5	6.
wsw	1.5	1.5	. 8			1						3.8	4.
w	1.4	1 -	-2									2.6	3.
WNW	- 4	. 1	- 1	 								- 6	3.
NW	- 4	• 2	• 1				<u> </u>					.8	3.
NNW	- 4	.3				\vdash			 			- 8	3.
VARBL	•		 		 								
CALM	\times	$\geq \leq$	>	\geq	\geq	\geq	>	>	$\geq \leq$		> <	9.5	
			29.6	4.6	- 1 -							100.0	_5.

TOTAL NUMBER OF OBSERVATIONS



GLERAL CLIMATOLOGY BRANCH USAFETAC A1% REATHER SERVICE/MAC

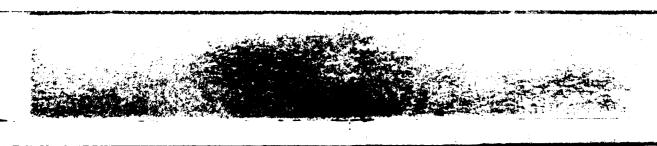
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17504	BERGSTHOM AFB TX	69.72-80	A U.S.
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
И	•5	1.0	• 5									2.0	5.3
NNE	• 3	1.0	• 8	• 3								2.8	5.8
NE	• 8	1.8	1.2	• 2								4.0	6.
ENE	1.5	1.7	1.5	•1							1	4.8	5.
E	3.5	4.8	2.3	• 1								10.8	4.0
ESE	2.0	2.0	• 6	• 2								4.9	4.
SE	2.2	3.8	2.6	. 4	• 1							9.0	5.1
SSE	3.7	6.2	4.0	1.6	• 1_							14.9	6.
\$	2.4	8.1	10.1	1.4								71.9	6.5
SSW	1.1	3.2	2.7	• 9								7.8	6.
sw	1.3	3.1	2 • 3	• 3								7.0	5.
wsw	.4	1.4	• 8		i							2.6	5.
w	• 2	• 3										• 5	3.
WNW	• 5	. 4										1.0	3.
NW	• 3	• 3										.6	ه ڏ
NNW	. 4	. 4										.9	3.
VARBL				l		1					1		
CALM	\searrow	$\supset <$	\times	> <	\times	\times	\geq	> <	\times	\times		4.3	
	21.0	39.7	29.2	5.6	• ?		<u> </u>					100.0	5

TOTAL NUMBER OF OBSERVATIONS 930



ELMAL CLIMATOLOGY BRANCH 11-FLTAC 41 AEATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	ELECSTROM AFS TX STATION NAME	69.72-60 VEARS	A C S
		ALL HEATHER	1500-1700 HOURS (LS.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.5	3	. 5	1		-						2.0	6.
HNE	. 4	5	• 5	.4								2.2	6.
NE	1.0	1	. 5	. 2					<u> </u>			3.2	5.
ENE	1.0	3.1	1.6	. 4								6.8	5.
ŧ	1.9	5.4	3.5	. 4	•1_							11.4	6.
ESE	1.7	3.3	2.2	. 5	• 1							7.8	6.
SE	[[.3	5.4	4.1	1.3	- 4							13.2	6.
SSE	2.7	7.3	5.5	2.2		• 1						17.7	6.
\$	2 و ذ	7.8	8.4	1.6	.1							21.2	6.
SSW	1.4	1.7	2.4	. 3								5.8	ġ,
SW	. 5	1.5	. 4	. 3								2.8	5.
wsw		• 2	. 4									1.3	4.
w	. 6	. 4			• 1							1.2	4.
WNW		_ 1		1								. 2	10.
NW	. 2											• 2	2,
NNW	• 2	• 1	. 2	• 1								•6	6.
VARBL												1	
CALM	\times	\times	\times	\times	\times	>>	>>	\mathbb{X}	\times	$\supset <$	>>	2.3	
	18.8	39.6	33	8.1	. 9.	- 1						100.0	

TOTAL NUMBER OF OBSERVATIONS



GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1974 STATION	BERGSTROM	AFB TX	69,72+80	YEARS	A U (
этатюя		STATION HARE	ALL WEATHER	YEAR	1800-2000 HOURS (L.S.Y.)
			COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 2	• 4		•2						İ		. 9	6.4
NNE	• 3	•6	•2									1.2	4.6
NE	• 4	• 3	. 9	• 1								2.2	6.1
ENE	1.5	1.2	1.3		• 1					}		4.1	5.4
E	?•``	5.2	2.5	. 4								10.1	5.6
ESE	2.3	4 • ○	2.9	.9	• 2		_					10.8	6.6
SE	3.0	7.4	4.8	3.3								18.6	6.9
SSE	3.7	8.2	9.7	1.7								23.2	6.7
\$	3.5	8.0	4.3	.6								16.5	5.7
SSW	1.1	• 4	. 4	• 1								2.0	5.0
SW	• 5	• 5	• 2									1.3	4.3
WSW	.4	•		• 1								1.0	4 • C
w	• 1	• 1	• 1		• 1							. 4	8 • C
WNW	• 3			• 1								.4	4 . 8
NW	.4	• 2	• 1									.8	3.9
NNW	• 2	• 1	•2	• 1								.6	5.5
VARBL										i			
CALM	$\supset <$	\times	\times	\times	$\geq \leq$	> <	$\geq \leq$	\times	$\geq \leq$	\boxtimes	\geq	6.0	
	20.6	37.5	27.6	7.7	. 4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are obsolete

SELPAL CLIMATOLOGY BRANCH USAFETAG AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 5 4	BERGSTROM AFE TX	69.72-80			A U 1
BTATION	STATION NAME		YEARS		MONTH
		ALL WEATHER		•	2130-2300 HOURS (LE.T.)
		CLASS			HOURS (L.S.T.)
		COMBITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6) · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 0					.1						. 9	6.6
MME	.3	. 4										.8	3.9
NE			• 2									1.3	4.1
ENE	. 8	. 8	. 1									1.6	3.7
E	1.6	1.8	• 2	-1								3.8	4.1
ESE	1.3	1.7	.6	.5								4.2	5.5
SE	3.4	3.7	2.8									9.9	4.9
SSE	5.2	6.6	8.7	1.8							<u> </u>	22.3	6.3
\$	7.3	10.5	7.6	. 8		<u>[</u>						20.2	5.3
SSW	1.6	1.3	. 6									4.1	4.3
SW	2.3	. 8										3.0	2.5
wsw	. 8	1										9	2.3
w	- 6											.6	1.5
WNW												.1	4.0
NW			1			<u> </u>						- 4	3.8
NNW	2											• 2	2.0
VARBL										L			
CALM	$>\!\!<$	$>\!\!<$	\searrow	\times	$\geq \leq$	$>\!\!<$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	19.8	
	26.8	28.8	21.3	3.2		1						100-0	4.2

TOTAL NUMBER OF OBSERVATIONS

CLOBAL CLIMATOLOGY BRANCH CDAFETAC AIN WEATHER SERVICE/MAC

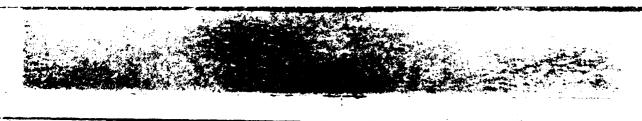
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	BERGSTROM AFB TX STATION NAME	69,72-89 YEARS	A U S
		ALL WEATHER	A L L
		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	• 6	• 3	• 1		• 0						1.6	4 . 7
NNE	• 5	• 8	• 3	• 1								1.7	5.1
NE	. 7	1.1	• 5	• 1								2.4	5 · i
ENE	1.1	1.3	. 7	• 1	ن.							3.2	5.
E	. • 0	2.6	1.2	• 1	• 0							5.9	5 • <u>-</u>
ESE	1.5	1.9	• 9	• 3	• ≎							4.6	5.3
SE	2.1	3.2	2.2	•6	• 1							â • Z	5.8
SSE	3.4	5.	4.7	1.1	. ₽	• [13.5	5.
\$	5.5	8.3	6.6	• 8	• 3						ŀ	~1.2	5.6
SSW	2.3	3.3	2.1	• 3	• 0							8.0	5.4
SW	1.5	1.5	• 9	• 2								4.2	4.9
wsw	• 8	• 6	• 3	•0			· · · · · · ·					1.7	4.3
w	•6	• 3	• 1		• '7							.9	3.6
WNW	. 3	• 1	•0	• 0								. 4	3.9
NW	• 5	• 2	•0									• 7	3.1
NNW	. 4	• 1	• 1	3.								• 7	3.5
VARBI,													
CALM	$\supset <$	> <	\times	$\geq <$	$\geq <$	X	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	21.0	
	23.7	31.0	20.2	3.9	. 2	1						106.0	4.3

TOTAL NUMBER OF OBSERVATIONS 744



TECHNAL CLIMATOLOGY BRANCH LIVELITAC AT FRATHER SERVICEMMAG

SURFACE WINDS

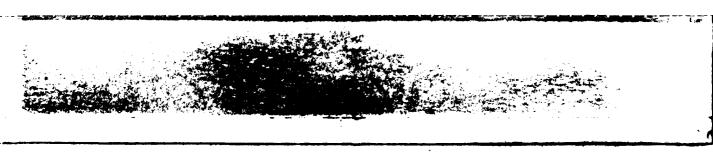
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFE	STATION NAME		69.72-80			613
BTAVION		STATION RANG			YEARS		MONTH
			ALL WEATH	ER		_	<u> 3080-0288 </u>
			CLASS				HOURS (L.S.T.)
		,				_	
			COMBITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	4.1	2.2	. 9	• 3							9.9	6.2
NNE	. 9	1.3	2.2	• 2	.1							4.8	6.7
NE	1.1	• 9	. 7								L	2.7	4.5
ENE	1.1		. 1		}		}	-				1.2	2.9
E	1.2	• 7		• 1								2.0	3.4
ESE	•6	1.0	• 1									1.7	4.2
SE	1.2	1.1	• 1					1				2.4	3.3
SSE	2.1	1.8	. 8									4.7	4.1
\$	5.0	6.8	_ 5.3	.7								17.4	5.4
SSW	1.9	2.3	1.0	.1		1						5.0	4.0
SW	2.2	. 7	. 1									3.0	2
WSW	.7	• 1	. 1			i					<u> </u>	. 9	2.
w	1.2		. 1							1		1.3	2.
WNW	. 3			1								3	10
NW	1.7	_ ₹	. 1	.1	·							1.6	3.
NNW	1.7	. 8	. 2	. 3								3.C	4.0
VARBL						Ì .				1	1	1	
CALM	\times	\times	>>	$\geq \leq$	\geq	$\geq \leq$	> <	\times	\geq	>>	>	38.1	
		21.4	12.9	2.4								100-0	3.

TOTAL NUMBER OF OBSERVATIONS

95.



GLISAL CLIMATOLOGY BRANCH USAFETAC ALP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17904	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2300 − 0500
		£LA98	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	3.3	2.6	_1.0	• 3	• 1						11.0	6.2
NNE	. 7	1.3	1.7	. 6								4.2	6.6
NE	. 9	1.1	.4	• 1								2.6	4.6
ENE	.9	• 7	• 1	1]		1.8	4.2
E	. 8	• 1		_ •1								1.0	4.3
ESE	• 1	• 4	• 1									.7	4.7
SE	1.7	. 8										1.3	2.9
SSE	2.2	1.4	•6									4.2	3.7
5	3.8	4.8	2.6	• 1								11.2	4.9
SSW	1.4	1.8	2.1	•6								5.9	6.2
SW	1.0	• 4	•1	• 1								1.7	3.5
wsw	1.0	• 3										1.3	2.7
w	1.1	• 1										1.2	2.2
WNW	.4	• 4										• 9	3.0
NW	1.8	• 6										2.3	2.3
NNW	1.8	1.0	. 4	. 3								3.6	4.5
VARBL													
CALM		\times	> <	><	><	><	$\supset <$	><	$\supset <$		><	44.7	
	22.6	18.7	10.7	3.0	• 3	.1						100.5	2.7

TOTAL NUMBER OF OBSERVATIONS

900

CECTAL CEIMATOLOGY BRANCH FINELTAG ALL WESTARN SERVICEZMAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFE TX STATION NAME	69.72-80 YEARS	S.E.F.
	 	ALL WEATHER	600+o.c.
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Z	4.3	4.4	4.4	1.7	. 1	1						15.1	ნ•?
NNE	2.0	1.6	2.1	.7	. 1							6.5	6.2
NE	. 7	1.7	1.									3.3	5.3
ENE	1.4	• .	• 4]						1	2.7	4.
E	1.3	• 7	• 1									2.1	3.1
ESE	2	• 2										1.3	2.7
SE	1.3	7	. 4									2.4	3.6
SSE	1.7	2.1	. 7	. 1					1		T	4.5	4.8
S	. 2.6	3.1	2.2	. 2	1					1		8.5	5.6
SSW	1.0	2.0	2.8	• 2								_ c _ C	5.3
SW	£	. 2	. 6	- 1			<u> </u>					1.7	- 4
WSW	- 6	. 1	• 1								<u> </u>	.5	3.1
w	.6	1										.7	2.2
WNW	- 7										 	7	2.1
NW	1 - 1	- 4										1.7	3.2
NNW	1.3	. 7	. 9						 		 	3.3	4.5
VARBL							†				 	#	70 *
CALM	$\geq \leq$	\geq	\times	\times	>>	> <	>	>>	\geq		>>	38.7	
	22.6	18.8	16.5	3.0	. 3.	1						155.0	

TOTAL NUMBER OF OBSERVATIONS



CLUBAE CLIMATOLOGY BRANCH UNAFETAC ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, * , ų	SERGSTROM AFB TX	69.72-80	SEF
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	.936 -11 36
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	2.2	4.9	1.4	• 6	• 1						11.1	5.1
NNE	1.7	2.2	4.1	2.3								10.3	7.3
NE	2.3	3.4	2.7	_ • 6								9.0	5.7
ENE	4.2	2.6	•6	• 1					,			5.4	4.1
E	2.7	1.4	. 8	• 1								_ 5 • C	4.1
ESE	1.8	1.	. 4									3.2	3 • €
SE	1.2	1.7	1.3									4.1	٥.
SSE	1.3	2.0	1.1	. 4								4.9	
S	~ 3	2.6	4.5	1.8	• 1							11.5	7.1
SSW	1.7	1.9	5.9	1.4	• 2							11.1	7.8
SW	1.6	1.5	2.9	1.6								7.6	7.6
wsw	• 3	• 7	• 3									1.3	5.3
w	• 9	. 4	• 2									1.6	3.5
WNW	• 3	• 7					``					1.0	3.7
NW	.4	• 2	• 2	• 2								1.1	5 • i
NNW	1.5	1.1	• 2	• 2								2.6	4.8
VARBL													
CALM	><	>>	><	><	><	> <	$\supset <$	$\supset \subset$		\searrow	><	3.9	
	24.1	25.9	29.9	10.2	• 0	• 1				7		100.4	£ , C

TOTAL NUMBER OF OBSERVATIONS

E. AL CLIMATOLOGY FRANCH C. AFTTAC ATT HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

á,	BERGSTROM AFB TY	67.72-86	<u> </u>
BTATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1203-1461
		CLASS	HOURS (L.S.T.)
		CAUCITIAN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 8	1.2	3.6	1.9	73	2						3.G	9.3
NNE	1.2	2.4	4.6	3.0	. 1				L			11.3	وق
NE	1.8	2.7	3.6	. 9								9.1	٤.
ENE	1.7	2.5	2.3	• 1								5.7	5.
E		3.4	1.4									7.0	4.
ESE	1.7	1.1	1.1	. 1								3.9	4.
SE	1.7	2.1	• 7	. 2								4.7	4.
SSE	1.7	2.7	2.3	1.2	.1							تروع	و را
\$	2.4	5.	6.9	2.1	.1	- 1						10.7	7.
SSW	ц	2.6	3.6	1.0						L		7.6	7.
sw	n	2.1	1.9	1.0								. 4	_7.
wsw		. 7	. 3									1.7	4
w				• 2				1	1			<u>s</u>	Ó
WNW			1									. 3	ەد
NW		. 1	4									. 9	ő
NNW	. 3	. 3	. 4	. 4								2.6	.6.
VARBL													
CALM	><	><	>>	> <	> <	> <	> <	><	$\supset <$	><	><	6.5	
		29.2		12.2	. 7							195.9	ŧ

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CERTAL CRIMATOLOGY BRANCH REPARETAC AD ADATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ì 4	EEROSTROM AFB TX	69,72-60		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1530-1701
	 	CLASS		NOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	•6	2.6	1.4	. 3	• 1						5.3	13.2
NNE	. 7	1.7	4.7	2.9	• 1		ļ					10.0	9.1
NE	1.	3.7	3.4	1.2								9.3	7.₽
ENE	1.7	3 • €	2.7	• 1								5.2	5.€
E	2.4	4.3	2.8	. 4								10.4	5.6
ESE	1.6	3.1	1.6	.8		•]						7.1	6.7
SE	1.3	2.3	3.2	• 9								7.8	6.5
SSE	2.3	3 • ∂	3.9	1.9								11.5	5.5
S	₹•2	4 . `	5.9	1.8	• 1							14.0	7.2
SSW	۰٥	1.4	2.2	• 6								5.1	7.1
SW	• 3	• 4	• 7	• 2								2.6	6.6
WSW		• ?	• 3									• 6	6.6
w		- 4			• 1							•6	8.0
WNW	• 1		• 1	Ī								• 2	5.5
NW	• 6	• 4	. 4	• 2	• 1			Ĭ				1.8	6.9
NNW	• 3	• 3	. 4	• 3	• 1						1	1.6	8.1
VARBL													
CALM	><	> <	> <	$\supset <$	><	><	$\geq <$		$\supset <$	$\supset <$		4.2	
	15.8	31.3	34.8	12.8	. 9	• 2						100.9	ندو

TOTAL NUMBER OF OBSERVATIONS

CLITAL CLIMATOLOGY BRANCH LINELTAG Aug NEATHER SERVICEZMAU

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFE TX	65.72-80 YEARS	3 <u>5 c</u>
STATION	STATION RANG	ALL WEATHER	1 R T = 3 1 M C
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	2.4	2.9	. 8	4							٤.1	7.2
NNE	3	1.9	3.1	1.2								5.6	8.1
NE	1.1	9	1.8	. 2	1							4.1	5.4
ENE	1.4	3.	1.3									5.8	5.2
E	4.0	5.8	2.1									11.9	4.3
ESE	2.7	2.3	2.4	. 4	. 1							8.4	5.6
SE	3.1	3.3	3.1	. 7								10.7	5.7
SSE	2.9	4.4	5.2	.6								13.1	6.1
5	2.7	4.5	3.6	. 8								11.5	5.8
SSW	1.2	- 3	• 7										4.5
sw		2	. 2	1								1.3	4.7
wsw		2										• 3	3.7
w	4	4							<u> </u>	ļ		•9	3.3
WNW	2											_ 3	3 o C
NW	-1					ļ				ļ		- 2	3.5
NNW			3_									1.2	4.3
VARBL													· · · · · · · · · · · · · · · · · · ·
CALM	$\geq \leq$	$\geq \leq$	> <	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	12.4	
	23.4	31.9	26.8	4 8	7							155.5	500

TOTAL NUMBER OF OBSERVATIONS

935

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

sit .

BLURAL CLIMATOLOGY BRANCH
UNAFLITAC
ATT WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 7 4	BERGSTROM AFB TX	69.72-80	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONSITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
×	3.6	2.3	2.7	1.6	-,1							10.2	6.1
NNE	• :	1.6	1.8	•6		• 1						4.2	7.7
NE	l • '	1.4	1.7									4 - 1	5.6
ENE	• 5	. 7	• tş	• 1						-		2.1	4.5
E	3.1	1.3	• 5									3.≎	3.9
ESE	?.3	1.3	• 5									4.2	3.5
SE	1.7	3.1	• 7	• 1					· · · · · · · · · · · · · · · · · · ·			2•2	5 • 1
SSE	2.5	4.1	3.8	. 1								10.5	5.6
5	5.1	5	7.1	1.2	• 1							18.5	6 • ü
SSW	1.1	• 7										1.3	3.3
SW	.9											. 9	2.1
WSW	• 3	• 1	• 1		-							• 5	3.6
w	• 3		-					<u> </u>	ĺ			• 3	2.3
WNW	• 3											• 3	2.:
NW	• 6	• 2		-								• 6	2.7
NNW	1.0	. 4	. 1	• 1	•1							1.8	5.2
VARBL								<u> </u>		<u> </u>			
CALM	$\supset <$	\times	><	> <	>	> <	\times	> <	>>	>	> <	30.4	
	23.6	22.4	19.5	3.8	3	•1						100.0	. ه د

TOTAL NUMBER OF OBSERVATIONS

456

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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UNITED DATA CHIMATOLOGY FOR CHILD CONTROL CONT

SURFACE WINDS

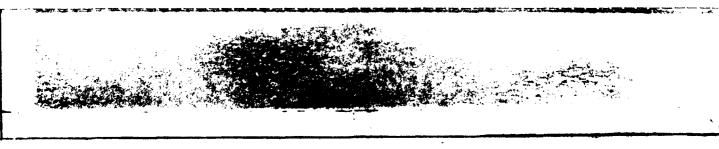
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LERCSTRON AFE TX	69.72-8C	S D BONTH
******	-	ALL WEATHER	ALL HOURS (L.S.T.)
		CORNIVAN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	2.6	3.2	1.3	- 3	. 1						9.8	7.1
NNE	1.0	1.5	3.0	1.4	.1	נ						7.2	7.8
NE	1.2	2.	1.9	. 4								5.5	6.1
ENE	1.4	1.2	1.0	•1								4.2	4.9
E	2.1	2.3	1.0	• 1								5.4	4.5
ESE	1.4	1.4	. 8	. 2	3.							3.8	5 C
SE	1.5	2.1	1.2	. 2								4.9	5.3
SSE	2.1	2.8	2.3	. 5	. 2							7.7	5.8
5	3.3	4.5	4.8	1.1	-1							13.8	6.2
ssw	1.2	1.7	2.3	. 5	.0				· · · · · ·			5.7	6.6
SW	1.7	. 8	. 8	. 4	-						<u> </u>	2.9	0.1
WSW	5	- 3	. 2				· · · · · · · · · · · · · · · · · · ·					. 9	4.0
w	-6	2	- 1	•0	.0							9	3.5
WNW	_ 3	- 2	.0									.5	3.5
NW	. 7	- 3	. 2	_ 1	.0							1.3	4.2
NNW	1.1	. 6	4	. 2	2							2.4	5.1
VARBL													
CALM		> <	\times	\times		> <	> <	\geq	\supset	>	> <	22.9	
	21.9	25 n	23.0	6.5	.6	1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

7158



CLUPAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

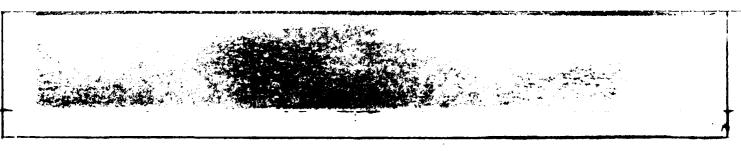
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1 7 4	SERGSTROM AFR TX	69,72-8	,	001
8747100	STATION HAME		YEARS	BONTH
		ALL WEATHER		<u> </u>
		CLASS	 	HOURS (L.S.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.1	2.7	2.2	• 1							10.2	7.2
NNE	• 8	1.4	1.8	. 8								4.7	7.1
NE	•6	• 6	•8	. 4								2.5	5.4
ENE	.6	. 4	• 1									1.2	3.5
ŧ	• 6	• -	• 2									1.1	4 .]
ESE	• 2	. 4	• 1	• 1								Ģ	5.4
SE	• 9	• 1	•6	. 4			L					2.0	5.0
SSE	2.	1.9	1.1	. 9								5.8	5.7
S	್•6	5.4	3.3	1.3								15.6	5.3
ssw	3.3	2.2	• 1	• 2								5.8	3.6
SW	3.3	1.3	• 1	_								4.7	2.9
WSW	2.3	• 1	• 1									2.5	2.2
w	2.5	• 2										2.7	2.0
WNW	• 4	• 2										• 6	3.0
NW	£3	• 1										. 5	2.5
NNW	1.5	1.4	. 4									3.3	4.1
VARBL													
CALM	><	$\geq \leq$	$\geq <$	> <	$\geq <$	> <	\geq	\times	\ge	\geq	>>	35.7	
	27.4	19.1	11.5	6.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS



DELPAL CELMATOLOGY SHANCH STREETAC AT REATHER SERVICEZMAC

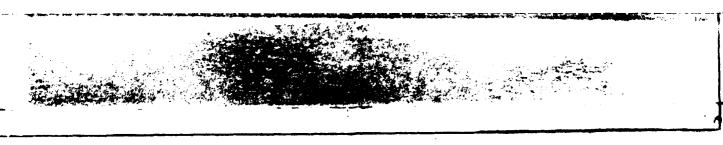
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERS	STROM A	F5 TX				63.	72-35						<u>. 7</u>
STATION			STATIO	N HAME		_		_		FEARS				MTH
		_				ALL WE	ATHER							- 15 CC
						•	LA SS						Hons	6 (L.S.T.)
		_					DITION							
						•								
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
	N	2.5	4.2	3.5	2.5	• 2							12.4	7.1
	NNE	4	1.	1.7	_ 8								3.9	7.8
	NE	. 4	1.3	1.2	. 2								3.1	5.4
	ENE	. 6	. 9	. 2							I		1.7	4.3
	E	- 5	- 1	1	[. 3	30%
	ESE	. 6	ų	1									1.2	3.5
	SE	1.1	. 4	. 3									1.9	4.3
	SSE	1	1.4	1.3	. 4								5.2	£ 7
	5	4.1	. 3.1	3.1	1.0								11.2	6
	\$5W	1.4	1.9	1.1	1		<u> </u>						4.5	5.
	sw	1-9	1.1									<u> </u>	ندون	تعذ
	WSW	. د م												1.6
	w	تمت ا			<u> </u>								<u></u>	2
	WNW	- 9	- 3		-1								1.3	3.5
	NW_	1-3	- 5	- 2	L	ļ							2.5	3.4
	NNW	1.5	1.2	- 5	- 2								2.4	4.7
	VARBL	L												
	CALM	$\geq \leq$	>>	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	\searrow	$>\!\!<$	40.6	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1

SLUBAL CLIMATOLOGY BRANCH USAFETAC ALM MEATHER SERVICE/MAC

SURFACE WINDS

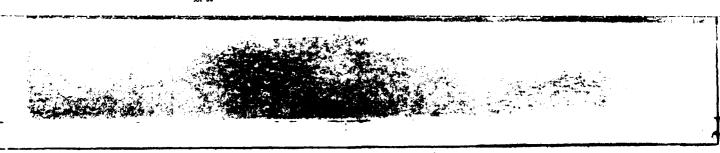
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 4	BERGSTROM AFB TX	69.72-85	oct
STATION	STATION NAME	YEAPS	MONTH
		ALL WEATHER	0 €00- 0300
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.5	4.2	6.3	2.2	. 8							17.0	7.3
NNE	1.5	1.2	2.7	•6								6.3	6.
NE	•6	1.2	1.2	• 2								3.2	5.
ENE	1.1	1.5	• 1		{	1		·				2.2	3.0
ŧ	1.3	• 6										1.9	3.
ESE	• 5	٠ ۲	• 3									i.6	4.
SE	- 5	• 0	• 1	• 1								1.4	4.
SSE	2.4	1.7	1.6									5.4	4.
5	2.6	4.2	2.3	• 9								9.9	5.
55W	1.4	1.5	• 5					·				3.4	4.
sw	1.0	• 4	• 2									1.0	3.
wsw	1.3	• 2										i.5	2.
w	1.5	• 3		ĺ								1.8	2.
WNW	.3		• 1									. 9	2.
NW	• 8	• 5										1.3	3.
NNW	1.2	• 9	. 8	• 2								3.℃	5 .
VARBL													
CALM		\times	><	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	><	><	$\supset <$		37.5	
	22.6	18.7	16.2	4.2	. 8							100.0	3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE



44.

ELEFAL CLIMATOLOGY BRANCH USAFLTAC AIN MEATHER SERVICE/MAC

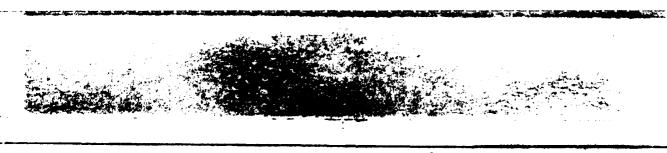
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	SERGSTROM AFB TX STATION NAME	69.72-8C VEARS	OCT MONTH
		ALL NEATHER	3963~1133 MONRS (LE.Y.)
		MOLYTICHIC	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	2.7	2.7	4.9	6	2						12.6	9.6
NNE	1.4	2.4	4.3	1.5	• 2							9.8	7.7
NE	2.3	1.9	1.7	. 8		.1						6.8	6.1
ENE	5.0	1.6	- 8	• 2								4.6	4.8
E	1.5	2.2	.6	. 1								4.4	4.6
ESE	3.1	1.1	_ 5									3.4	4.0
SE	1.6	9	4									2.9	3.8
SSE	1.2	1.5	1.9	1.6	.1							6.3	7.7
S	1.5	4.1	7. u	2.3	6							14.9	0.2
SSW	1.1	2.2	5.1	.8.								9.0	7.6
SW	1.1	2.0	1.8	. 4								5.4	6.2
wsw	1.0	. 3	. 4	• 1								2.3	4.5
w	. 9	9.	.2									1.8	3.9
WNW	- 4	• 5	. 1									1-1	4.3
NW	.5	• 5	. 3	.1								1.5	5.4
NNW	3.	. 5	- 6	.5	. 1							2.6	7.4
YARBL						1			1				
CALM	\times	\times	\times	\times	\mathbb{X}	$\supset \subset$	> <	$\supset \subset$	$\supset <$	$\supset <$	> <	10.5	
	12.9	25.6	28-6	1 3 . 3	1 7	. 7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS



GLURAL CLIMATOLOGY BRANCH US AFLITAC ATRIABATHER SERVICE/MAC

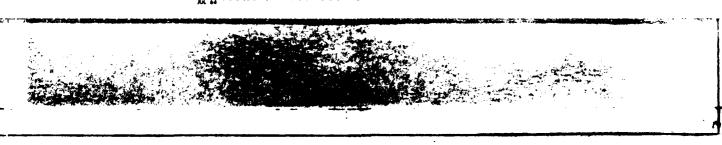
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1914	EERGSTROM AFB TX	69,72-80	201
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1205-1416_
		CLASS	HOURS . L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	3.2	3.7	5.6				İ				14.0	9.5
NNE	• 5	2.0	3.2	2.6	• 2_							8.7	€
NE	1.5	2.3	1.5	. 8]			6.6	6.1
ENE	1.3	1.2	•ε	• 1								3.9	4.7
E	1.8	2.	• 8									4.6	4.3
ESE	2.0	1.7	- 8									4.5	4.4
SE	1.7	2.2	1.2	• 5								5.6	5
SSE	1.5	2.5	4.6	1.4					I			10.3	7 •
S	1.2	5.2	9.4	3.3	• 5]			I	19.6	ნ•+
SSW	•5	1.9	3.5	1.3								7.3	7.9
sw	• 1	1.5	1.4	• 2							1	3.2	7.0
WSW	.6	1.1	• 2	•2								2.2	5.1
w	. 4	. 4	. 4			I						1.3	5.0
WNW	• 3	• 1	• 1									5	4.3
NW	· u	• 3	2	•5								1.5	7.4
NNW	.5	• 2	1.0	1.0	•1		[2.8	9.3
VARBL													
CALM		\times	> <	>>	\geq	\geq	$\geq \leq$	\geq	\geq	\geq	$\geq \leq$	3.4	
	17.1	28.4	32.7	17.5	9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS



COMPLICATION OF STREET COMPLETED COMPLICATION COMPLETED COMPLETED COMPLETED COMPLETED COMPLETED COMPLICATION COMPLETED COMPLICATION COMPLETED COMPLETED COMPLICATION COMPLETED COMPLICATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFE TX STATION NAME	69.72-8C	— OCT
		ALL WEATHER	1310-1700 November (La.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2	3.9	4.1	. 4		Ĺ.					11.5	9.3
NNE	6	3.	4.4	2.8	2_							11.1	5.€
NE	1.8	2.4	i.s.	. 6								5.7	6. 1
ENE	1.8	2.5	• 6	• 2								5.2	4.2
E	1.9	3.3	1.0									6.2	4.5
ESE	1.4	2.0	1.5							[4.9	5.
SE	1.3	2.7	1.5	. 8	.1_							6.3	6.3
SSE	1.9	4.5	4.4	2.3	1							13.2	7.2
S	1.7	5.4	9.1	2.6								1: 9	7.6
SSW	7	2.2	2.2	• 5								5.2	6.3
sw	.1	1.2	. 9	1						Ī		2.3	ხ.5
wsw	3	5	. 2					}				1.1	4.4
w		• 1										. 1	4.1
WNW	3		. 3									. 9	5.3
NW	-1	. 5	. 4									1.2	0.3
HHW	.5	. 8	- 8.									2.0	5.8
VARBL													
CALM	\geq	$>\!\!<$	><	$\geq <$	><	><		$\geq <$	$\supset <$	$\geq <$	><	3 • 2	
	15.4	33.3	33-0	14-1	1.0							125.6	6.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM ARE OBSOLETE ALL 64 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLUPAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 7 4	SERGSTROM AFB TX	69,72+83	CCT
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	1800-2400
		CLASE	HOURS (L.s.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	2.8	2.6	1.6	• 2_					-		3.7	7.2
NNE	• 0	2.4	4 .	1.2	• 2							8.6	7.7
NE	1.1	1.8	. 8	• 1								3.0	5.1
ENE	1.8	1 • 4	• 3									3.5	3 • ₺
ę	2.0	3.5	• 1									6.€	3.7
ESE	1.9	2.5	• 5									4.0	4.1
SE	2.7	3.4	1.7	• 3								c • 🖫	4.
SSE	4.4	6.3	4.	1.4	• 1	• 1						16.3	ί.
S	٠ . 1	6.8	1.8	.4								15.2	4.3
SSW	1.6	1.2	.4	• 1								3.3	4.3
sw	• 0	• 3				_						1.2	2.7
wsw	• 4	• 1										•5	2.2
W	• 5	• 3										.9	2.9
WNW	• 3	• 3	• 1									• ĉ	3.≎
NW	. 4	• 4	• 1									• 6	4 . 5
NNW	• 9	. 4	• 1	•1								1.5	4.2
VARSL										i			
CALM				$\supset \subset$	$\geq <$	>>	$\supset <$		$\supset <$		$\supset \subset$	15.3	
	28.4	33.9	16.6	5.3	. 5	. 1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS



... AL CLIMATOLOGY PRANCH TREETAG AT .FATHER SERVICEZIAGO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ESRESTROM AFE IX	69,72-6C YEARS	OCT HONTH
		ALL WEATHER	2139-23C1 HOURS (E.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	3.3	2.6	1.4	1							C E	0.7
NNE	ç	1.1	2.4	1.5								5.2	7.6
NE	5	1.1	1.4	.2								3.2	5 . €
ENE	, 9	<u>.</u> 2										1.6	4 و د
E	1.3	4										1.4	.) و ج
ESE		1.4	. 3									2.7	4.4
SE	نود	1.07	1.4	1					L			5.3	5.1
SSE	1.5	3.8	3.4	1.1	- 2	L						10.3	5.7
S	4.4	7.6	5.5	1.1									5.6
SSW	3.3	2.7	. 2			<u> </u>						3.0	3.5
\$W	1.4	1.3					Ĺ		<u> </u>		<u> </u>	2.7	101
WSW	1.6								<u> </u>	<u> </u>		i.7	2.4
W	2.2	- 3							L			2.5	2.3
WNW	- 4	1										5	2.6
NW	1.0	. 3	2							<u> </u>		الأمال	3.5
NNW	2	1.2	.2	2				1				1.0	0
VARBL					L							1	
CALM	\searrow	$>\!\!<$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	25.5	
	24.3	27.2	17.6	5.1	. 3							15.1.3	4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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UL MAL CLIMATOLOGY BRANCH 1 AFETAC ATT WHATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ί.	SEPSSIESE AFE TX	69,72-87	୍ର ପ୍ରତ୍ୟ
STATION	STATION NAME	YS	
		ALL WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
×	£ • ``	3.2	3.4	3.1	• 3	•						12.3	5
NNE	· ?	1.5	3.1	1.4	• 1							7.3	7.
NE	1.1	1.6	1.3	. 4		•						4.5	6.1
ENE	1.7	1.2	. 4	• 1								3.3	4.3
E	1.5	1.6	• 3	• €								3.4	4 . 1
ESE	• 2	1.5	• 5	0								?•:	4.4
SE	1.5	1."	. 9	• 3	• .							4.2	5.3
SSE	7.7	2.0	2.6	1.1	• 1	_ •						4.1	6.2
<u> </u>	3 . 3	5.2	5 • €	1.6	- 2							15.5	
SSW	1.5	2.:	1.€	. 4								5.6	5.7
sw	1.2	1.1	• 6	• 1								ين وڏ	4 • €
WSW	1.	• ls	• 1	• 3								1.5	3.7
w	1.4	• 3	• 1									1.5	2.5
WNW	• *:	• ,	• 1	• .								• 5	3.7
NW	• 5	• 4	• 2	• 1								1.3	4.5
NNW	ې د	• 3	• €	• 3	• ~							2.5	5.5
VARBL					L					Ļ		ļ	
CALM	><	$>\!\!<$	><	><	><	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	><	><	21.5	
	22.2	25.5	41.2	9.9	. 7	• 1						172.0	4 . 1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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EUCAL CLIMATOLOGY PRANCH TOUTAG WEATHER SERVICEZMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERGSTROM AFE TX	69,72-91 VEARS	*; C J
		ALL SEATHER	HOURS (L.S.Y.)
		CONDIVION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	4.5	5.9	2.4	. 4							17.2	ï•ć
NNE	7	2.	2.4	1.1	• 3							6.4	ٔ و د
NE		. 3	• 6		1							1.1	7.1
ENE	,	• ?	• 1							1		. 7	4
£		. 1	• 1									1.1	3.
ESE	4											• 7	2.5
SE		1.	1.1	•1								2.5	٠٠ و ي
SSE	• (7	1.5	• ?	. 3								3.1	ر و ند
S	, 7	4 0	3.6	. 8	2							1.1	
ssw	. 0	2.	1.0	. 7								6 د د	4
sw		3	٤.									3.1	3.9
wsw	1.4											2.2	.2.5
w	2.7	. 2	. 3									. c	. فقد
WNW	2	- 4										2.7	ر ه د
NW			ŧ.	. 4								3.7	نمذ
NNW	1	1.2	1.6	. 7								4.0	7.4
YARBL													
CALM		$\supset \subset$	><	><		><	><			$\supset <$		23.1	
	1.2.6	21.5	(0.1	5.4	1.2							100.1	4.

TOTAL NUMBER OF OBSERVATIONS

TELRAL CLIMATOLOGY PRANCH UNAFETAC ATT ALATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-	BERGSTROM AFS TX	49.72-8C		NOV
STATION	STATION NAME		YEARS	MONTH
		ALL VEATHER		.305-0550
		CLASS		HOURS (L.S.T.)
		CANALTIAN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.7	5.6	6.	4.5	. 4	i						14.7	7.9
NNE	• 9	2.	2.5	1.1	• 5							7.1	5. 3
NE	• 7	• 3	• 4									1.6	5.0
ENE	• (-	• 4	• 3									1.3	4.3
E	• 5	• 1					i -					• 3	3.3
ESE	. 7	• 7							<u> </u>			1.1	3.1
SE	• 6	• .	• 3									1.02	4 . :
SSE	. 7	1.2	. 3	• 2								2.4	<u>د • د </u>
5		3.	2.8	• 2								a • 3	5
SSW	1.	1.4	1.2	• 3					· · · · · · · · · · · · · · · · · · ·			4.3	5.6
SW	1.8	1.4	• 3	• 2								3.8	4.5
wsw	i.7	• 7	• 1									٤٠١	3.4
w	2.3	• 7							İ			3.0	cot
WNW	2.7	• 4										3.6	2.7
NW	1.5	1.3	1.0	.7								4.5	5.9
NNW	1.3	1.	1.4	3.								4.6	6.5
VARBL													
CALM		><	$\geq <$	><	><	><	><		$\supset <$	><	> <	31.3	
	21.7	21.6	16.9	7.6	1.0					- 74		100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

ERVATIONS 5

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



TEGHAE CETMATCEDBY REANCH AFETAC ATT MEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 4	BERGSTROM AFB TX	69.72-85	YCV YCV
STATION	STATION NAME	YEARS	MONTH
		ALL_WEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
	·····	COMPLEME	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	5.2	5.8	5.3	7	. 1						20.0	<u>3</u> ه
NNE	• 9	1.5	2.7	1.4	. 4							7.0	6.4
NE	. 3	1.2	• 6	. 3								2.9	5 . દ
ENE	• 6			. 1								1.2	4.4
E	•8	• 2	. 3									1.3	3.8
ESE	- 8	. 2	• ?									1.2	3.7
SE	1	نو	. 3									i.U	4 . Ç
SSE	. 4	1.7	. 3									3.1	3.9
5	2.2	2.9	1.9	6								2.6	5.4
SSW	1.8	1.5	1.7	.1									5.3
sw	1.7	. 7	. 4	. 3								2.1	4.7
wsw	. 9	<u> </u>										1.4	3 • €
w	2.1	1.1	.1									3.3	3
WNW	- 9	1	. 2								-	2.1	3.9
NW	1.2	1.1	. 6	. 2								3.1	5.3
NNW	2.2	1.3	2.8	.7	• 2							7.7	Lot
VARBL													
CALM	\sim	\searrow	>>	$\geq \leq$	\times	\times	\times	$\geq \leq$	\times	\geq	\times	26.7	
	21.2	21.6	17.9	9.1	1.3	1						105.1	4.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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CEURAL CLIMATOLOGY BRANCH UNIFICAC 41 ASATHEM SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 4	BERGSTROM AFE TX	64,72-80		NOV
STATION	STATION NAME		VEARS	MTHOM
		ALL WEATHER	_	2900-1100
		CLASS	^	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.5	2.0	. 5.3	6.9	1.1							16.9	10.4
NNE	1.2	1.7	5.8	3.0	• 6	• 1						12.3	9.3
NE	1.7	1.3	2.6	• 3	• 1							5.3	6.5
ENE	1.4	1.42	. 3									3.6	4.
£	1.4	1.8	• 1									3.3	3.6
ESE	1.1	1.	• 2	. 1								2.4	4.3
SE	. 7	1.	• 3	• 2								^.2	5.3
SSE	1.3	1.2	1.	. 4								4.1	5.3
S	1.2	2.7	4.5	2.8	• 1							11.6	5.2
SSW	1.1	2.6	3.6	1.1								3.3	7.4
SW	1.2	1.3	1.3	1.2	• 1							5.2	7.3
wsw	•6	٩	• 2	• 1	• 1							1.9	5.9
w	1.7	. 4	• 3									2.4	خ ذ
WNW	• !	• 4	• 4	• 3				1				1.3	Č • ′
NW	• 3	• 3	1.0	1.0					T			3.1	8.5
NNW	1.7	1.3	1.1	1.8	• 7	• 3						5.1	9.5
VARSL													
CALM		\times	>	\times	\times	\times	\times	\times	\geq	>>	\searrow	5 • ઉ	
	13.1	21.3	28.9	19.3	2. ੲ	• 3						100.6	1.1

TOTAL NUMBER OF OBSERVATIONS

TO PAUL CLIMATOLOGY BRAICH CHECTAG AT WEATHER SERVICEZMAG

SURFACE WINDS

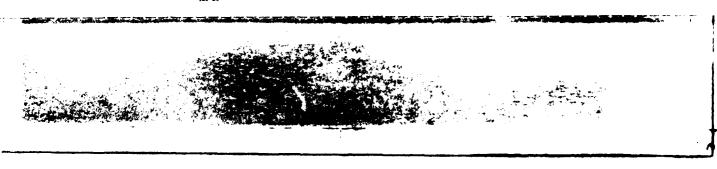
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERGSTROM AFS TY	65.72-30 YEARS	NO V
	<u>,</u>	ALL WEATHER	12:3-14:5 HOVES (L.S.T.)
		сомрітюм	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 23	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	6.4	6.6	1.5	1						تمنت	15.6
NNE	. 7	2.	3.3	3.1	• 7	. 3						10.1	12.1
NE	1.	2.9	2.7	. 7	-1							7.3	5.6
ENE	1.0	. ?	. 9	. 3						L		2.8	5.0
ŧ	1.9	1.3	- 3									3.2	3.
ESE	1.0	<u>ې</u>	_• 7						<u> </u>			2.6	4.
SE	2.	1.5	1.1	_6					<u> </u>			4.0	6.
SSE	3.	1.1	1.7	1.1				! 	L			4.7	7.
\$. 7	2.7	5.7	4.0	9			L				13.0	3
SSW	. 5	1.1	5.4	3.6	.1							11.5	٠,
sw	9	1.2	2.1	2.1					<u> </u>			0 a 2	ه څ
WSW	. 3		. 6	2								1.5	0.
w				1								1.0	5.
WNW	1		. 2	- 6								101	9.
NW	-6	7	. 4	. 9	. 3							2.9	9.
NNW	8	9	1.3	1.9	. 3							5.3	10.
VARBL													
CALM	><	><	><	$>\!\!<$	><	><	><	><	$\triangleright <$	><	$>\!\!<$	3.6	
	12.6	20.4	32.8	25.7	4.4	- 6						133.0	5.

TOTAL NUMBER OF OBSERVATION

USAFETAC PORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1:- 4	SERGSTROM AFE TX	69,72-60	NOV
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1536-1700
		CLASE	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	2.2	5.9	6.7	1.2	. 4						16.8	19
NNE	. 9	2.1	5.6	2.9	• 1							11.6	8.7
NE	Ċ.	2.2	2.2	• 7	• 1							6.1	7.
ENE	1.6	2.3	• 2									4 - 1	4.0
E	1.3	1.7	• 7									3.7	4.3
ESE	1.1	1.7	•6	•1								7 • €	4.5
SE	-8	1.4	1.6	80								4.6	7.
SSE	1.	2.6	1.7	1.4								ა.7	7.1
5	1.4	4.7	6.3	4.2	• 6							17.2	მ • 5
SSW	4	2.1	3.1	2.0								7.7	8.4
sw	• 1	1.8	2.7	. 4								4.3	7.5
wsw	• 3	1.2	• 4	. 1								2 • 1	5.7
*	• 3	. 4	•2									1.0	4.3
WNW	.7	• 2	• 3									1.2	4.6
NW	• 1	• 2	• 3	1.0	• 1							3.1	11.3
NNW	• 4	1.	1.1	1.6	• 3							4.4	9.7
VARSL													
CALM	\searrow	$>\!\!<$	><	\times	><	$>\!\!<$	> <	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	4.0	
	11.8	27.2	32.2	21.9	2.4	. 4						130.0	7.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AL CERMATCHOLY PRANCH OF TAC A PAITHUR SERVICE/MAC

SURFACE WINDS

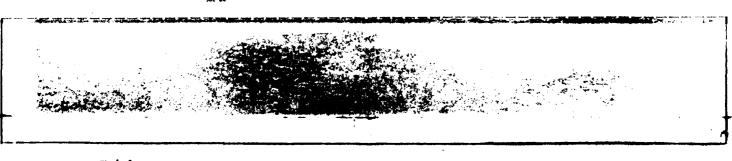
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	EERGSTROM AFE TX STATION NAME	69,72-80	YEARS	NO V
		ALL WEATHER		1830-000 HOURS (L.S.T.)
			<u> </u>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	2.7	4.9	5.1	3.3	2							16.5	6.
NNE	1.2	2.7	3.9	1.4								9.3	1.
NE	1.3	2.1	1.2							İ		4.7	٥.
ENE	.9	1.2	• 1							<u> </u>		2.2	3.
E	2.5	1.0										3.5	2.
ESE	<u> </u>	1.1	. ?									2.€	4.
SE	1.3	1.9	1.~			• 1						4.3	5 •
SSE	2.3	4.6	1.8	. 9	1							9.7	5.
_\$	5.2	7.1	1.6	.6	1							14.€	4.
SSW	2.3	2.1	-1	1			<u> </u>		ļ			4.7	
SW	7	1.1	- 2			ļ							4.
WSW	- 6	4_	- 1									1	3.
w	3	3_	•1				ļ					1.2	
WNW	1											-6	4.
NW	7	- 4	3	. 3								le S	<u>6</u> .
NNW	1.4	7	1.4	. 7		·	ļ					4.3	6.
VARBL	\leftarrow												
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	16.4	
	24.9	32.1	18.1	7.4	1.1	. 1						100.0	4.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



SLUBAL CLIMATOLOGY BRANCH ESAFETAC 41 - WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

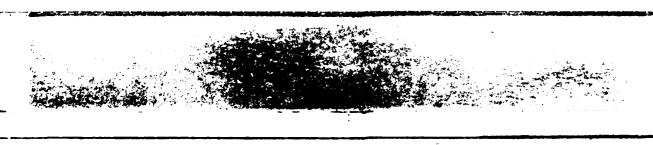
STATION	BERGSTROM	AFB TX	69,72-6	YEARS	NOV
			ALL WEATHER		2100-2300
			CLASS		HOURS (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.7	6.1	2.9	• 7	• 1						17.1	8.0
NNE	1.0	1.4	2.1	1.1								5.7	7.5
NE	• 1	1.2	1.2	• 1								2.7	7.0
ENE	• 5	• 7										1.2	4.5
E	.4	• 8										1.2	3.4
ESE	• 7	• 1	• 2									.6	5.5
SE	• 3	1.2	1.8									3.8	6.1
SSE	1.4	2.6	1.9	.6								€.5	6.
\$	3.7	7.5	2.6	1.3	• 1							15.2	5.5
ssw	2.3	2.7	• 3									4.7	3.4
sw	1.6	1.6	• 1									3.2	3.5
WSW	1.5	1.4	• 2							Ī		3.2	3.5
w	2.2	. 4										2.7	2.5
WNW	1.1	• 6	• 1			• 1						1.9	4.4
NW	1.2	. 4	• 1									i.8	3.4
NNW	1.6	• 7	1.2	• 8	• 2							4.7	6.8
VARBL													
CALM		> <	$\supset <$	$>\!\!<$	> <	> <	> <	><	$\supset <$		> <	24.0	
	22.6	27.3	18.1	6.8	1.0	2						186.3	4.5

TOTAL NUMBER OF OSSERVATIONS

897

USAFETAC FORM 10-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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DELIVATE CETMATOLOGY FRANCH Disertitati And Anather Service/Mac

SURFACE WINDS

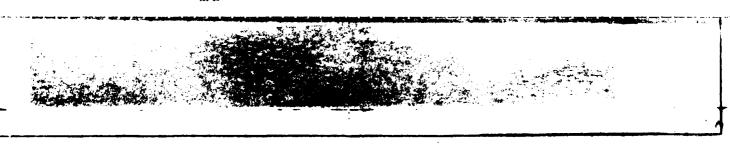
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERCSTROM AFB TX STATION NAME	69,72-3U YEARS	NCV MONTH
		ALL REATHER	MOURE (L.S.T.)
•		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.:	4.3	6.0	4.8	. 9	• 1						17.7	3.9
NNE	. 5	1.9	3.5	1.9	• 3	• 1						P.7	o • င်
NE	. 3.	1.5	1.4	. 3	•1							4.0	0.3
ENE	•	1.7	• 2	• 1								2.1	4.3
E	1.2	1.6	• 2									2.2	3.5
ESE	. 5	• .7	. 3									1.5	4.4
. SE	• 7	1.1	. 9	. 2		• a						3.0	6 . L
SSE	1.2	2.	1.2	6	. 3							5.0	0.1
S	2.5	4.4	3.6	1.8	. 3							12.5	t e t
ssw	1.5	1.9	2.1	1.0							[ú.5	6.6
sw	1.2	1.2	.9	. 5	.0							3.9	6
wsw	. 9	. 8	• 2	. 1								2.0	4.3
w	1.6	5	• 1	2.								2.3	3.1
WNW	1.0	. 5	. 3	.1		.0						1.9	4.5
NW	1.3	. 7	. 5	. 6								2.9	c • 7
NNW	1.3	1.1	1.5	1.1	. 3	40						5.3	8.0
VARBL													
CALM	\searrow	\times	\times	\times	\ge	\times	\geq	\times	$\geq \leq$	\geq	$\geq \leq$	13.1	
	13.4	24.2	23.1	13-0	1.9	. 2						150.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7193

USAFETAC FORM (1-8-5 /OL -A.) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLET



DESCRIPTION OF THE PROPERTY OF A PETAL APPEAR SERVICE/MAC

SURFACE WINDS

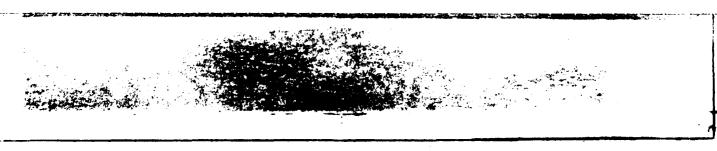
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17 464	SERGSTROM AFB TX	68-69.72-79	030
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	.aa5-a45/
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.9	5.7	3.8	1.3	-						16.2	9.1
NNE	.4	• 6	1.8	2.0	• 2							5.2	10.
NE	• 5	• 2	• ?									1.1	4
ENE	• ^E	• 1										.6	3.7
E		• 3										• 9	٠ .
ESE	• [₹]	• 1	• 1									•5	ن د د
SE	• 2	• 9	• 3									1.4	5.5
SSE	1.2	1.3	9	. 4	• 1							3.9	6.4
5	3.5	4.1	() 4	1.1	• 3							10.0	6.1
ssw	1.3	1.7	2.6	• 6								6.2	6.5
sw	2	1.2	•2									3.4	3.7
wsw	1.3	1.7										2.3	3.1
*	2.7	1.3	• 1									3.8	2.5
WNW	1.0	• 8	• 5	• 2		• 1						2.6	5.3
NW	1 • "	1.1	1.0	• 3		• 1						3.4	6.4
MMM	1.2	1.3	1.3	1.5	• 1							5.9	7.9
VARBL													
CALM	$\geq \leq$	\geq	\geq	> <	$\geq <$	\times	\times	\geq	\geq	$\geq <$		29.5	
	19.6	10.4	19.2	10.0	2.5	• 2						170.0	5.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AND THE CLIMATOLOGY BRANCH CHAFLIAC AND AFATHER SERVICEZMAG

SURFACE WINDS

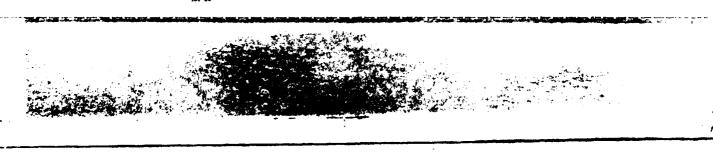
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BERGSTROM AFE	T X STATION NAME	63-69	72-79 YEARS	DEC MONTH
			ALL WEATHER		NOVER (L.S.T.)
			CONDITION		

N	!	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
*: _ 11	1.7	4.9	5.9	3.9	1.3	1						14.4	9.7
NNE	. 4	1.1	1.4	. 9								3.5	
NE	4	. 4	. 2									1.1	4.
ENE	.6	• 1										• છે	2.
E		2										. 9	2.
ESE	. 6	- 3										1.0	_3.
SE	_ 3	- 4										• 3	3.
SSE	1.3	. 4	1.12	.1								2.5	5.
5	2.3	4.3	2 a D	9								5.8	ŧ.
ssw	1.5	1.7	2.6	, iş	2_]			6.5	0
sw	1.	1.3	. 4									2.7	4.
wsw	1.4	. 2	-1									1.7	
w	2.2	- 9	- 2									3.2	3.
WNW	1.5	1.1	. 3									2.9	3.
NW	1.5	1.0	1.2	. 6		-1						4.6	7.
NNW	1.9	1.5	1.4	1.5								6.3	6.
VARBL													
CALM	><	> <	> <	> <	> <	><	><	> <	> <	>	\searrow	33.2	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM ARE 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



UL MAL CLIMATOLOGY BRANCH CORFETAC AND WEATHOR SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4	SERGSTROM AFB 1x	69-69.72-79	040
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	600-1851
		CLASS	HOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	3.7	6.2	4.8	2.3				·			19.1	Ÿ,Ł
NNE	. 4	1 • 4	1.4	•6	• ?							4.1	7.6
NE		• 9	• 3	• 2								1.4	7.0
ENE	•	• 4	• 2									. 9	5
E	• 7,	• 1	• 1									. 4	4.0
ESE	• 44	• i										• •	2
SE	1.2	• 6										1.1	ادد
SSE	• 5	• 6	• 3									1.7	4.1
\$	2.3	3.	2.8	1.3	• 1							\$ • ≥	ن و ن
SSW	1.9	1.€	1.9	• 3	• ?							ý•t.	6.5
5W	• ?	• 9	• 6	• 1								2.4	5.1
wsw	•6	• 5	• ?									1.4	4 - 1
w	1.5	1.	• 3	• 1								2.9	4.5
WNW	. 2	. 5	• 1	• 2								1.0	5 - 7
NW	ڼ	2.	1.^	• 3	• 1							4.3	6.1
NNW	1.5	2.9	2.4	1.0	• 1	• 1						3.0	€. 5
VARBL											-		
CALM	$\geq \leq$	\times	><	><	><	> <	><			$\supset \subset$	\times	3407	
	15.5	20.3	13.0	9.0	2.9	• 1						2.0	4.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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AL CLIMATCLOUY FIMICH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION AFB IV	63-69,70-79 YEARS	- CC
STATION.	SIGION NAME	ALL JEATHER	9 1 1
	<u> </u>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2. c	5.2	£.3	2.2	4						13.4	1.1.6
NNE	1.	3.3	3.3	2.0	1	. 2						10.0	J • 1
NE		1.3	1.5	**								4.1	6.
ENE	- 5	• 5										1 • 1	3.
E	ū		. 4									1.7	4,0
ESE	۶	. 4	• 1									1.3	3.
SE	1.1	• 5	. 4									્ર•ઇ	4.
SSE	1.6	1.5	. 5	• 3	•1_							6.0	5.
S	1.7	2.	3.1	3.7	. 3							11.5	8.0
SSW	1.2	1.0	2.7	3.1	• 4.							r.6	2.0
sw		1.2	1.5	1.1								4.3	€ • .
wsw		, Ç	. 3	. 1								1.0	
w		. 7	. 6	• 2								1.6	٥ . :
WNW	. 4	• 6		• 3	. 1					Ţ.,		1.5	ن د
NW	2	1.4	1.1	1.1		. 1						3.9	2.0
NNW	1.5	1.5	2.7	1.9	r	• 2						7.6	9.
VARBL							-			i			
CALM	\searrow	> <	\geq	><	\times	> <	\geq	\geq	\geq	\geq		15.1	
	14.7	21.2	23.5	20.5	4.0	1.0						1_110	7.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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CLUCAL CLIMATOLOGY BRANCH UNAFILIAC 41 NEATHER SERVICL/MAC

SURFACE WINDS

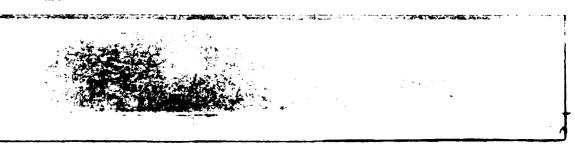
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	SERGSTROM AFE TX	63-69,77-79	
STATION	STATION NAME	YEARS	MONTK
		ALL WEATHER	12 6-1470
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.7	4.4	6.5	2.3	• 4						15.5	11.
NNE	• 0	2.6	3.0	2.7	ω· •							9.6	7.
NE	1.2	2.	1.8	• 1								5.2	ي ر
ENE	1.0	1.5	• 5									3.3	i
E	• 4	1.2	• 1									2.0	ر و ز
ESE	1.2	• ",	• 3							-		7.3	
SE	1.3	• 2	•?	• 1								2.4	4.
SSE	• ti	1.4	• 5	. 3	• ?							2.5	?.
S	•	3 • 4	6.1	4.2	1.							13.5	Ş.,
55W	•	1.2	4.2	7.3	• G:							14.0	11.
SW	• "	• ?	1.5	1.7	• 8							4.7	11.
wsw	. 4	• 3	• ?	• 1								1.1	5.1
w	. n	• 6	• 6									1.9	5.4
WNW	• 3	. 4	. 9	• 6	• 1							2.4	₽ • •
NW	- 5	• 3	1.0	1.6	• 2	•						4.9	10.
NNW	• †	1.4	1.2	2.0	S	.2						6.2	14.
VARBL									ļ				1
CALM	\searrow	><	><	><	><	>>	><	> <	> <	> <	> <	5.7	
	12.6	19.7	27.6	26.9	6.6	1.8							

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



417.4

AL CLIBETCLOFS STATCH in 1740 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

i.	BERUSTROM AFE TX STATION NAME	63-69.70-79	D C C
		ALL WEATHER	15 -17 HOURS (L.S.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5	1.9	4.3	5.9	2	. 3						11.2	11.5
NNE	- 4	2.4	3.3	2.3	• 3							7	9 ع
NE	, 2	1.5	3	• 2	• 1							5.7	5 • ³
ENE	1.0	1.5		• 1				1	, –	}		3.1	4
E	7	1.7	• 3									4 . 9	3.
ESE	3.	•	• 3	•2								1.5	٤. •
SE	े	1.2	, 6	. 3	• 1							3.1	5.5
SSE		3.	1.5	5								5.6	3.7
S	1.2	4 . 7	5.9	4.9	٤	. 1						24	3.• 7.
ssw		1.7	3.7	3.3	3							9.1	5 . 6
sw	3	- 3	1.1	1.1									9.7
wsw	- 4	,	. 5	- 1								i.	2.7
w	4	2	- 5					.1				1.5	7.0
WNW		. 3	8	. 3	. 2							2.5	11
NW	3	• 9	1.5	1.3								L	6.5
NNW	. 5	4	1.5	2.3	9	• 2						5.3	11.5
VARBL													
CALM	><	> <	><	><	><	>>	$\geq \leq$				><	4.3	
	1206	27.4	32.3	22.9	4.7	a fi	. 1	. 1					30/

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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SELVIAL CLIMATOLOGY BRANCH UM AFETAC 71 - MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 4	SERSTROM ARE TY	68-69,72-79	DEC
BYATION	STATION MAME	YEARS	NTHOM
		ALL WEATHER	18 3-1 65
		CLA96	HOURS (L.S.T.)
	1100	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 3	3.3	5 • .`	4.4	• 5							14.3	5 . 4
NNE	• 5	2.3	1.	2.6	• 1							6.6	خ • څ
NE	• c	1.5	• 6	• 1								5.0	5.1
ENE	1.3	1.1										2.4	3
E	1.0	1.6										3.2	3.5
ESE	1.6	1.	• 3	• 4								3.3	4 • 5
SE	1.0	• 5	• 3	• 2	• 1							3.0	5
SSE	2.2	4 •	3.4	1.3	• 1							11.3	6• €
\$	3.8	8.1	1.8	• 3								14.0	4.7
ssw	1.5	3.2	1.2									€.0	4.5
sw	1."	1.8	• 3									3.1	4.3
WSW	• 5	• 5	• 2									1.2	4.5
w	1.1	• 5	. 2										3.5
WNW	• 6	• 5	• 1	. 4	• 2	_						2.0	7.2
NW	. 4	• 9		• 1						,		1 • 4	4.4
NNW	• 5	2.4	1.1	1.1	• 1	• 1						2.5	7.7
VARBL													
CALM		$\supset <$		><		\times			$\supset <$		><	18.1	
	2).1	33.5	15.9	11.0	1.3	.1						1 3.5	201

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



HOPARE YEDDOTAMINE HETTAC Ale albareta Staviolamac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	-ERGSTROM AFB IX	62-69.70-79 YEARS	D.E.C.
		ALL WEATHER	21:30-2366 MOVES (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	3.00	4.3	4 . 1	. 4	.1						13.9	9.1
NNE		1.7	1.3	2.8	. 5	.1						0.5	1 3
NE	ة و	é	. 3	.1								1.7	5.1
ENE	• 3	• 3					}	1]			. &	3.3
E	8	6										1.4	3.5
ES€	3	1	. 3									1.6	4.5
SE		1.	• 5	•1								2.3	5.2
SSE	1.5	. 0	2.3	1.2	.1							5.9	7.6
5	2.7	5.7	3.9	1.3	- 4							14.0	6.5
ssw	1.3	3.3	1.4	.1								0.7	5.0
SW	ial	1.5	. 6									3.5	4 . 5
wsw	1.1	1.1	. 2									2.4	4
w	3.2	1.6	. 2	.1								5.2	3.4
WNW	- 9	9	. 1		.1			I	Ī			1.9	4.7
NW	- 5	. 6	- 5	. 5		.1						2.4	6.2
NNW	.6	1.7	1.0	. 9	4	. 1						4.7	8.8
VARBL													
CALM		><	> <	\times	><	\times	$\supset <$	$\geq <$	> <	><	><	25.4	
	17.6	26.7	16.7		2.0							15.0.0	L. I

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



73

GLUSAL CLIMATOLOGY FRANCH USAFETAC Grandher Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

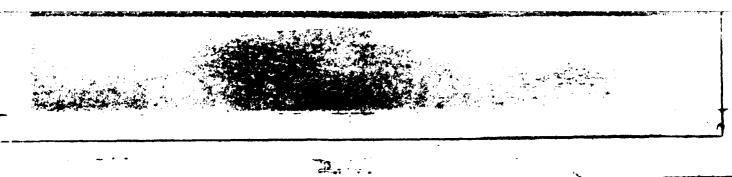
1 · · · · · · · · · · · · · · · · · · ·	SERBSTROM AFB TX	68-69,72	- 79	TEC
BTATION	STATION NAME		VEARS	MONTH
		ALL_WEATHER		<i>F</i> .L
		CLASS.		HOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	3.2	5.1	4.9	1.6	• 7						16.5	9.9
NNE	• 6	1.9	2.0	2.0	• 3	• **						6.8	ċ.9
NE	. 7	1.1	1.5	• 1	•							2•1	\$ 5
ENE	• 7	• 7	• 1	• 0								1.5	₹.0
E	1.	• 0	• 1									1.9	يا ه ز
ESE	• 3	• 5	• 2	• 1								1.5	4
SE	• 0	• 7	• 3	• 1	• ()				· · · · · · · · · · · · · · · · · · ·			2.1	4.7
SSE	1.2	1.6	1.4	• 5	• 1							4.8	5
S	_ 3	4.5	4.1	2.2	• 4	• ີ						13.5	7.3
SSW	1.3	2.	2.5	1.9	• 3							_ ċ•□	8.0
sw	٠.	1.1	. 8	. 5	• 1							3.4	Det
wsw	. 8	• ნ	• 2	• C								1.7	4.2
w	1.5	• 3	. 4	• 1				0				2.7	4.1
WNW	• 7	. 7	. 3	. 3	. 1	• :	. 0.					2.1	0.4
NW	• 7	1.3	1.0	. 7	• 1	• 1						3.6	7.8
NNW	1.	1.6	1.6	1.5	. 4	• 1						6.3	€.6
VARBL													
CALM	$\geq \leq$	$>\!\!<$	\times	\times	\times	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		20.7	
	16.5	22.9	21.3	15.0	3.3	• 5	.0	.0				100.0	6

TOTAL NUMBER OF OBSERVATIONS

7439

USAFETAC FORM 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



LEURAL CEIMATOLOGY BRANCH UNAFETAC ALM GRATHER SERVICE/MAC

SURFACE WINDS

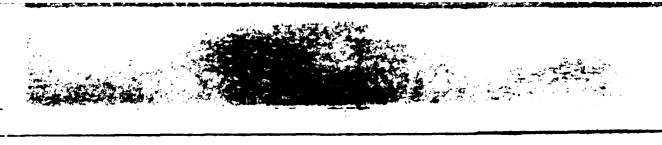
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SERGSTROM AFE TX	68-75,72-85 YEARS	ALL
		ALL WEATHER	ALL mous (L.s.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.4	3.2	3 • C	. 7	•1	.0					10.7	9.1
NNE	.7	1.5	2.3	1.5	2	. S						6.3	8.5
NE	3	1.3	1.2	. 3			. 0					3.6	6.3
ENE	. 9	1.1	•5	• 1								2.6	4.3
8	1.2	1.5	.6	•1	- 0	ت و						3.5	4.7
ESE	0.	1.2	P	. 2	. 3	· · · · ·						3.1	5.5
SE	1.3	2.1	1.8	S	. 3	ŋ						5.8	6.2
SSE	1.9	3.4	3.6	1.7	. 1	. C						10.6	7.1
\$	3.2	6	6 -	2.4	2							17.9	6.9
ssw	1.5	2.2	2.1	9	1							6.7	6.6
sw	1	1.1	. 5	3	2							3.3	5.7
WSW	. 7	Ľ,	. 2	1	. 2	(<u>, ,</u>						1.5	4.4
w	1.0	- 5	.2	1	7	1.	១	. 0				1.7	4.2
WNW	٤.	3	.2	. 1	2.0	נ	20					1.2	6.1
NW	. 5	J.	. 4		1							2.0	7.4
NNW	. 7	• 7	. 8	8	.2		6					3.2	8.4
VARBL	9											•0	3. Ü
CALM	\searrow	><	><	$>\!\!<$	$\ge $	\times	X	><	$\supset \subset$	$\supset <$	>	16.5	
	18-2	26.3	24.7	12.4	3.7	. 2	م	an.				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 87637

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



72.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 40,4	BERGSTROM AFE	S TX	68-70,72-80		ALL
STATION		STATION NAME		YEARS	MOMITIN
		IN	STRUMENT	_	ALL
			CLASS		HOURS (L.S.T.)
		CIG 200 TO 1400 F	T W/ VSBY 1/2 MI OR	MORE.	
	·		CONDITION		

AND/OR VSBY 1/2 TO 2-1/2 HI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	3.3	5.4	4.5	• 3	.1						15.2	9.3
NNE	• o	2.4	4 • 3	2.6	• 2							13.5	5
NE	• 9	1.	. 5	• 5	• <u>.</u>							4.7	Ö • 4
ENE	• 9	1.5	• 6	• 1							1	2.9	5.1
E	1.4	1.5	• 8	• 1								3.€	4.5
ESE	• 5	1.6	1 5 7	. 4	. 0	• 3	,					4.0	6.1
SE	1.4	2.2	2.3	• 5	• 3							t.2	to:
SSE	1.3	3.2	3.1	1.3	.1							9.3	6 • ≿
5	2.8	6.3	6.9	2.0	• 1							14.5	6.8
SSW	8.	2.0	2.6	.7	<u>. n</u>			ļ — —				6.1	7.1
sw	• =	• 0	.7	• 2	• 1							1.9	6.2
wsw	• 3	• 3	• 1	€€	•0	٠.			i			• 7	4.9
w	• 3	• 2	• 1	.1	• 3							.7	5 و ذ
WNW	•1	• 1	•0	• 0								• 3	4.5
NW	• 3	• 3	• 3	• 2	• 1	•						1.1	7.6
NNW	.4	. 4	. 8	.7	• 3	0			l — —	· · · · ·		2.4	0.6
VARBL													
CALM	$\supset \subset$	\times	> <	><	$\supset \subset$	\times	\times	\sim	>			12.2	
	14.9	2 7. 5	30.2	13.7	1.4	• 1						1 2.3	0.2

TOTAL NUMBER OF OBSERVATIONS

11998

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- By month all years and all hours combined
 By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" ir ludes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	•≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 11/4	≥ լ	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	~				$\langle \cdot \rangle$		\bigcirc						~	\sim	~	
≥ 1800		·										\sim	\rightarrow			\geq
≥ 1500	ļ				91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800												_				
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4			-			98.1
≥ 300 ≥ 200	ļ															
≥ 100 ≥ 0					95.4		96.9			98.3						100,

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

D - 2

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet

and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.



USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17974

BERGSTROM AFB TX

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING							VIS	IBILITY ST	ATUTE MILI	ES:				_		
(FEET)	≥10 41.2	≥6 45.5	≥5 45.8	≥4 45.9	45°.9	≥2½ 45.9	≥2 45.9	≥1% 45.9	≥1% 45.9	45.9	≥¾ 45.9	≥% 45.9	≥½ 46•0	≥5/16 46.0	4 [≥] %	20 46.1
NO CEILING ≥ 20000	43.7	48.2	48.5		48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9
	44.2	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 18000	44.8	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4 50.0	49.4 50.0	49.5 50.1	49.5 50.1
≥ 14000	44.9	49.5	49.8	49.9	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2
≥ :2000	45.3	49.8	50.1	50.2	50.3	50.3		50.3		50.3	50.3	50.3	50.4	50.4	50.5	50.5
> 10000	45.4	49.9	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6
≥ 9000	45.6	50.1	50.4	50.5	50.8	50.8	50.8	50.9		50.9	50.9	50.9	51.0	51.0	51.1	51.2
> 8000	46.1	51.0	51.3	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.9	52.0
≥ 7000	47.4	52.4	52.7	52.8	53.0	53.0	53.D	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.4
≥ 6000	48.4	53.9	54.2	54.3	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.9
≥ 5000	49.2	55.5	55.8	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.6
≥ 4500	49.6	56.1	56.5	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.D	57.1	57.2
≥ 4000	50.8	57.6	58.0	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.7
≥ 3500	51.8	59.4	59.7	59.8	60.0	60.0	60.0	6D.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥ 3000	54.4	63.2	63.5	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.5
≥ 2500	56.2	66.0	66.6	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.7
≥ 2000	57.2	67.5	68.2	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.5
≥ 1800	58.5	69.9	70.6	71.2	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
≥ 1500	59.6	72.4	73.8	74.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ 1200	59.8	74.7	76.3	77.3	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.1
≥ ,000	59.9	75.7	77.6	78.7	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.6
≥ 900	59.9	76.9	79.0	80.2	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.5
≥ 800	59.9	78.0	80.3	81.6	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.8	83.9
≥ 700	60.2	79.8	82.4	83.9	85.8	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.5
≥ 600	60.2	80.6	83.3	85.4	88.1	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.4	89.5
≥ 500	60.2	80.8	83.9	86.2	89.7	89.9	90.5	91.1	91.3	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 400	60.2	80.8	84.0	86.6	90.2	90.8	91.6	92.3	92.6	93.2	93.4	93.4	93.7	93.7	93.8	93.9
≥ 300	60.2	80.8	84.0	86.6	90.2	90.9	91.8	92.5	93.2	94.4	94.8	94.8	95.3	95.3	95.6	95.7
≥ 200	60.2	80.8	84.0	86.6	90.2	91.0	91.9		93.4	94.7	95.6	95.6	96.2	96.2	97.0	97.2
≥ 100	60.2	80.8	84.0	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.7	95.7	96.5	96.6	98.0	100.0
≥ 0				L l												93:

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



73

GLUMAL GERMATULUST BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

3**00**--0502

STATION

STATION NAME

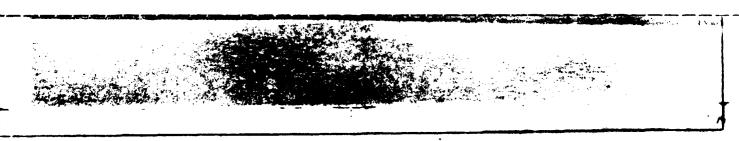
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.....

CEILING							VIS	IBILITY ST	ATUTE MIL	ES:						
(FEET)	≥10 37 •0	≥6 41.8	≥5 41.9	≥4 42.6	≥3 42.6	≥2% 42.6	≥2 4 2 •6	≥1% 42.7	≥1% 42. 7	42°7	≥¾ 42•8	≥% 42.8	≥½ 42.8	≥5/16 42.8	≥4 42•8	430 €
NO CEILING ≥ 20000	38 • 2 38 • 2	43.2	43.3	44.0	44.3	44.3		44.4	44.4	44.4	44.5		44.5	44.5	44.5	44.7
≥ 18000 ≥ 16000	38.2					44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.8
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000									-							
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS ___

123458789072345678901254967890123458789012345678901234567890123456789012345678901234



7.7

CEILING VERSUS VISIBILITY

17974

BERGSTROM AFB TX

69-70,73-80

JAIL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 Hours (L.s.t.)

CEILING							VIS	BILITY ST	ATUTE MILI	ES-						
(FEETs	≥10	≥6	≥ 5	≥4	≥3	≥21⁄.	≥ 2	≥1%	≥1¼	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ′₄	≥0
NO CEILING	41.2	45.5	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.3	46.0	46.1	46.1
≥ 20000	43.7	48.2	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9
≥ 18000	44.2	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 16000	44.3	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 14000	44.8	49.4	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.1	50.1
≥ 12000	44.9	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2
≥ 10000	45.3	49.8	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5
≥ 9000	45.4	49.9	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6
≥ 8000	45.6	50.1	50.4	50.5	57.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.1	51.2
≥ 7000	46.1	<u>51.d</u>	51.3	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.9	52
≥ 6000	47.4	52.4	52.7	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.4
≥ 5000	48.4	53.9	54.2	54.3	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.9
≥ 4500	49.2	55.5	55.8	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.6
≥ 4000	49.6	56.1	56.5	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.1	57.2
≥ 3500	50.8	57.6	58.0	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.7
≥ 3000	51.8	59.4	59.7	59.8	60.Q	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥ 2500	54.4	63.2	63.5	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.5
≥ 2000	56.2	66.Q	66.6	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.7
≥ 1800	57.2	67.5	68.2	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.5
≥ 1500	58.5	69.9	78.6	71.2	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
≥ 1200	59.6	72.4	73.8	74.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ ₁000	59.8	74.7	76.3	77.3	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.1
≥ 90 0	59.9	75.7	77.6	78.7	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.6
≥ 800	59.9	76.9	79.0	80.2	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.5
≥ 700	59.9	78.0	80.3	81.6	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.8	83.9
≥ 600	60.2	79.8	82.4	83.9	85.8	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.6
≥ 500	60.2	80.6	83.3	85.4	88.1	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.4	89.5
≥ 400	60.2	80.8	83.9	86.2	89.7	89.9	90.5	91.1	91.3	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 300	60.2	80.8	84.0	86.6	90.2	90.8	91.6	92.3	92.6	93.2	93.4	93.4	93.7	93.7	93.8	93.9
≥ 200	60.2	80.8	84.0	86.6	90.2	90.9	91.8	92.5	93.2	94.4	94.8	94.8	95.3	95.3	95.€	95.7
≥ 100	60.2	80.8	84.0	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.6	95.6	96.2	96.2		97.2
≥ 0	60.2	80.8	84 . d	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.7	95.7	96.5	96.6		00.0

TOTAL NUMBER OF OBSERVATIONS ______935

LIGAT STAC FORM G-14-5 (OL A) PREVIOUS SOLTIONS OF THIS FORM ARE OBSOLET



73

CEILING VERSUS VISIBILITY

17974

BERGSTROM AFB TX

69-70,73-80

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0360-0505

VISIBILITY STATUTE MILES (FEE") ≥ 5/16 ≥ 5 ≥2% ≥ ¼ ≥ % ≥ 10 ≥ 3 ≥ 2 ≥ : ½ ≥1% ک≤ ≥c 37.0 41.8 41.9 42.6 42.6 42.6 42.6 42.7 42.7 42.7 42.8 42.8 42.8 42.8 42.8 43.0 44.0 44.3 44.3 38.2 43.2 43.3 ≥ 18000 43.3 38.2 43.2 44.0 44.3 44.3 44.1 44.4 38.2 43.3 43.4 44.9 45.1 45.1 45.1 45.2 45.2 45.2 45.2 45.2 45.2 44.6 44.9 44.9 ≥ 14000 38.7 43.9 44. C ≥ :2000 38.9 ≥ 10000 > 9000 ≥ 8000 ≥ 7000 ≥ 6000 5000 ≥ 4500 > 3500 3000 ≥ 2500 ≥ 2000 1800 ≥ 1500 1200 .000 900 55.1 ≥ 700 600 55.7 55.8 500 > 400 55.8 220 55.4 80.5 83.2 86.9 88.1 89.7 91.5 92.4 93.1 94.1 94.3 94.7 95.2 96.2 97.0 80.5 83.2 86.9 88.1 89.7 91.5 92.4 93.2 94.2 94.4 94.8 95.6 96.9 00.0 100

TOTAL NUMBER OF OBSERVATIONS __

93

USAF ETAC JULAS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



7.7

CEILING VERSUS VISIBILITY

1 7904

BERGSTROM AFB TX

69-75,73-80

JA

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0600 Hours (LIST)

CEIL NG							۰ ۱\$	IBILITY ST	ATUTE MIL	ES						
(FEET)	≥ ; C	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ । %	≥1%	≥١	≥ ¾	≥ %	≥ 14:	≥ 5/16	≥ 14	≵c
NO CEILING ≥ 20000	33.7	36.8	37.3	38.2		38.4	38.4	38.6	38.6		39.4	39.4	39.5	39.8	39.9	
	34.9	38.8				40.4			40.6			41.4	41.5	41.8	41.8	
≥ 18000	34.9	38.8	39.4			40.4	40.4	40.6	40.6		41.4	41.4	41.5	41.8	41.8	
	34.9	38.9	39.5	40.3		40.5	40.5		40.8		41.5	41.5		41.9	41.9	
≥ 14000	35.5	1	40.1			41.2	41.2	41.4	41.4	41.7	42.2	42.2	42.3	42.6	42.6	43.3
≥ :2000	36.5	40.5	41.1	42.0		42.3			42.5		43.2	43.2		43.7	43.7	44.4
≥ 10000	37.4	42.0	42.5			43.8	43.8	44.0	44.0	44.3	44.7	44.7	44.8	45.2	45.2	45.9
≥ 9000	37.5	42.2	42.7	43.7		43.9	43.9	44.1	44.1	44.4	44.8	44.8	44.9	45.3	45.3	46.
≥ 8000	38.4	43.0	43.5	44.5	44.7	44.7	44.7	44.9	44.9	45.3	45.7	45.7	45.8	46.1	46.1	46.9
≥ 7000	39 • 1	43.9	44.4	45.4	45.6	45.6	45.6	45.8	45.8	46.1	46.6	46.6	46.7	47.0	47.0	47.7
≥ 6000	39.5	44.5	45.1	46.0	46.2	46.2	46.2	46.5	46.5	46.8	47.2	47.2	47.3	47.6	47.6	48.4
≥ 5000	39.5	45.2	45.7	46.7	46.9	46.9	46.9	47.1	47.1	47.4	47.8	47.8	48.0	48.3	48.3	49.0
≥ 4500	45.6	47.4	48.1	49.0	49.2	49.2	49.2	49.5	49.5	49.8	50.2	50.2	50.3	50.6	50.6	51.4
₫ 4000	41.1	48.1	48.7	49.7	49.9	49.9	49.9	50.1	50.1	50.4	50.9	50.9	51.0	51.3	51.3	52."
≥ 3 50 0	42.2	49.7	50.3	51.4	51.6	51.6	51.6	51.8	51.8	52.2	52.6	52.6	52.7	53.0	53.0	53.8
≥ 3000	44.0	51.9	52.7	53.8	54.0	54.1	54.1	54.3	54.3	54.6	55.1	55.1	55.2	55.5	55.5	56.2
≥ 2500	45.6	54.2	55.3	56.3	56.6	56.8	57.D	57.2	57.2	57.5	58.0	58.J	58.1	58.4	58.4	59.1
z 2000	47.	56.1	57.3	58.4	58.7	58.9	59.1	59.4	59.4	59.7	60.1	60.1	60.2	60.5	60.5	61.3
> '800	47.2	56.8	58.7	59.1	59.5	59.8	60.0	60.2	60.2	60.6	61.1	61.1	61.2	61.5	61.5	62.3
≥ 1500	48.7	61.d				64.8		65.3	65.3			66.1	. –	66.6		
≥ 1200	49.6		66.3	67.8		68.8		69.2	69.2			70.1	7C.2	70.5	70.5	71.3
≥ ,000	50.1	66.2		70.6		71.9	72.3			73.0		73.4			73.9	74.6
≥ 900	50.4		77.6			73.9	74.2	74.5	74.5		75.5	75.5		75.9	75.9	
≥ 800	50.5		72.4			76.2	,		76.9			77.8		-		
≥ 700	50.8		73.5			78.4		79.2	79.2		80.3	80.3	80.4	80.8	80.8	
≥ 600	50.8	71.0	74.4		1	80.1			81.2						82.7	
> 500	50.8	72.0	75.5		81.6	82.7	83.5	84.5	84.5		85.8	85.8		86.2	86.2	
≥ 500 ≥ 400	50.5	72.4	76.	79.9		84.6				88.5		89.1	89.4		89.8	
	50.8		76.0			85.4			89.6		91.1	91.1	91.3	91.8	91.9	
≥ 300 ≥ 200	50.8	1	76.0	80.0		85.5					92.3			_	93.9	
	50.8			80.0		85.5		90.0		92.0		92.9			95.7	
≥ 100 ≥ 0	1		76.0				1	. 1			- 1		-	95.1		l .
	50.8	72.4	76.	80.4	84.1	03.5	87.5	40.U	70.9	72.0	92.9	44.4	73.8	A2 • T	70 . U	100.5

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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CEILING VERSUS VISIBILITY

1 , 4

BERGSTROM AFB TX

69-70,73-80

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

999-1162

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥;%	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	31.1 34.3	37.5 41.5		38 • 2 42 • 2	38.3 42.3	38.3 42.3	38.4 42.4	38.6 42.6			38.7 42.7	38.7 42.7	38 • 7 42 • 7	38.7 42.7	38.7 42.7	38.7 42.7
≥ 18000 ≥ 16000	34.3 34.5	41.5 41.8		42.3 42.6	42.4	42.4	42.5 42.8	42.7 43.0		42.7 43.0	42.8 43.1	42.8 43.1	42.8 43.1	42.8 43.1	42.8 43.1	42.3 43.1
≥ 14000 ≥ 12000	34.5 35.3	41.9 43.0		42.7 43.8	42.8 43.9	42.8 43.9	42.9 44.0	43.1		43.1 44.2	43.2 44.3	43.2 44.3	43.2 44.3	43.2 44.3	43.2 44.3	
≥ 10000 ≥ 9000	36.7 37.0	44.4	· ·	45.2 45.6	45.3 45.7	45.3 45.7	45.5 45.9	45.7 46.1	46.1		45.8 46.2	45.8 46.2	45.8 46.2	45.8 46.2	45.8 46.2	45.8 46.2
≥ 8000 ≥ 7000	38.4 39.2	46.3	47.5	47.1 48.1	47.2 48.2		47.4 48.4	47.6 48.6		48.6	47.7 48.7	47.7 48.7	47.7 48.7	47.7		48.7
≥ 6000 ≥ 5000	39.7 40.1	48.0 48.9	49.2	48.7	48.8	48.8 49.9	49.0 50.1	49.2 50.3		50.3	49.4 50.4	49.4 50.4	49.4 50.4	49.4 50.4	49.4 50.4	
≥ 4500 ≥ 4000	40.3 40.5	49.8 50.5	51.0	50.9 51.6	51.7	51.7	51.2 51.9	51.4 52.2	52.2	51.4 52.2	51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	51.5 52.3	52.3
≥ 3500 ≥ 3000	41.8 43.0	51.9 54.1	52.6 55.1	53.3 55.8	53.4 56.0	53.4 56.1	53.7 56.3	53.9 56.6	56.6	56.6	54.C 56.7	56.7	56.7	56.7	56.7	56.7
≥ 2500 ≥ 2000	44.4	57.0 60.1	58.4	59.4 62.9	59.6 63.3	59.7 63.4	63.9	60.2	60.2	60.2	60.3	60.3	64.3	64.3	60.3	
≥ 1800 ≥ 1500	46.9	64.6				64.6	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5 69.7	65.5 69.7 73.5
≥ 1200 ≥ 1000	48.6 48.9	67.1 69.7 71.1		70.9 74.3 76.2	72.2 75.6 77.5	72.6 76.0 78.0	73.0 76.8 78.7	73.3 77.1 79.1	73.3 77.1 79.1		73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	73.5 77.3	77.3
≥ 900 ≥ 800 ≥ 700	49.0	71.8	75.7	77.8	79.6	80.2	81.2	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9 84.6
≥ 600	49.0		77.7	80.6	83.4	84.2	85.6	86.7	86.9	87.1	87.2	87.2	1			
≥ 400 ≥ 300	49.0	73.5	78.7	81.8	84.9	86.1	88.2	90.0	90.8	91.5	91.9	91.9			92.0	
≥ 200	49.0	73.5 73.5		81.8	84.9	86.3			92.8	94.6	96.0	96.2 96.9	96.9 97.7	97.1 98.1	97.4	
≥ 0	49.0	73.5	78.7	81.8	84.9	86.3	89.0	91.4	92.9	94.7	96.6	96.9	97.7	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



77.7

CEILING VERSUS VISIBILITY

1 7 4

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BERGSTROM AFB TX

69-70,73-80

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURE (L.S.T.)

CEIUNG							VI\$	BILITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ 4:	≥ 5/16	≥ 1⁄4	≥0
NO CEILING	38.3	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	41.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	42.3	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ :6000	42.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	42.9	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ :2000	44.3	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 10000	45.5	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 9000	45.8	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	47.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000	48.1	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000	48.3	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 5000	48.9	56.1	56.6	56.6	56 • 6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	50.3	58.1	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	50.8	59.2	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3500	51.7	61.0	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3000	54.5	64.4	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 2500	55.9	67.4	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2000	57.4	70.6	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1800	57.5	71.8	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1500	59.4	74.6	75.8	76.1	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1200	60.1	78.0	79.2	79.8	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ ,000	60.8	79.8	81.8	82.6	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900	60.9	80.6	82.7	83.7	84.2	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 800	61.	81.5	83.7	84.8	85.8	85.9	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
≥ 700	61.0	81.8	84.1	85.9	87.0	87.3	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 600	61.2	82.5	84.8	87.d	89.d	89.7	90.5	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 500	61.2	82.6	85.1	87.4	89.8	90.5	91.8	92.6	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 400	61.2	82.6	85.1	87.7	90.4	91.6	93.4	94.6	95.1	96.0	96.3	96.5	96.5	96.5	96.5	96.5
≥ 300	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.2	98.0	98.4	98.5	98.5	98.5	98.5	98.5
≥ 200	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5
≥ 100	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.5	98.6	99.2	99.5	99.5	99.5	99.6	99.7
≥ 0	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.5	98.6	99.2	99.5	99.5	99.5	99.8	រោស.១

TOTAL NUMBER OF OBSERVATIONS ______933

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



7

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-89

JAN

TATION STATION NA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

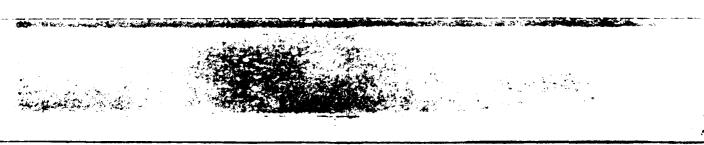
1500-1700 Hours (L.S.T.)

							VIS	BILITY ST	ATUTE MIL	ES:					•	
CEILING IFEETS	ļ										- 1					
1, 22,	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ ?	≥1%	≥1%	≥1	≥ ¾	≥%	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING	42.5	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	47.2	53.1	53.4	53.4	53.4	55.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	47.8	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	48.3	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54 . 8	54.8	54.8	54.8
≥ 14000	49.3	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ :2006	49.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	51.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	51.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	51.7	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	52.9	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 6000	53.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	54.7	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.
≥ 4500	55.4	64.8	66.0	66.0	66.0	66.0	66.0	66.0	66.D	66.0	66.)	66.0	66.0	66.D	66.0	66.0
≥ 4000	55.6	65.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.
≥ 3500	56.6	67.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.
≥ 3000	58.1	69.2	70.4	70.4	70.4	78.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 2500	60.0	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.
≥ 2000	61.9	75.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
≥ 1800	62.4	76.6	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.
≥ 1500	63.3	79.7	81.6	81.6	81.7	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.
≥ 1200	64.4	81.7	84.0	84.1	84.3	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.
≥ ,000	64.7	82.5	84.9	85.2	85.4	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.
≥ 900	64.8	83.1	86.0	86.2		87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.
≥ 800	64.9	83.9	87.0	87.5		88.6	88.9	89.0		89.2	89.2	89.2	89.2	89.2	89.2	
≥ 700	64.9	84.6	88.1	88.6				90.3		90.6	90.6	90.6	90.6	90.6	90.6	90.0
≥ 600	64.9	84.8		89.0			91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.0
≥ 500	64.9	85.1	88.9	89.7	90.9	91.7	92.6	93.7	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.0
≥ 400	64.9	85.2	89.1	90.0	91.7	92.8		95.6	96.2		97.3			97.3	97.3	97.
≥ 300	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.0	98.6	98.6	98.6	98.6	98.6	98.6	98.0
≥ 200	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.1	98.8	99.2	99.5	99.8	99.8	99.8	99.
≥ 100	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.1	98.8	99.2	99.5	99.8	99.8	99.9	99.
≥ 0	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.1	98.8	99.2	99.5	99.8	99.8	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS __

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

MAL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

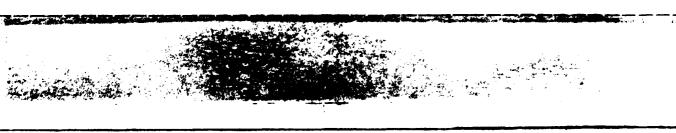
1800-2000

CEILING				-			VIS	BILITY ST	ATUTE MIL	E5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ ⊬	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	46.7	50.0	50.8				50.8 56.6	50.9 56.7	50.9 56.7		50.9 56.7	50.9 56.7	50.9 56.7	50.9 56.7	50.9 56.7	50.9 56.7
≥ 18000	51.9 53.0	55.8 56.9	56.6		57.6	56.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	53.3	57.2	58.0	58.0	58.0		58.0		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	54.1	58.0	58.7	58.7	58.7	58.7	58.7	58.8		58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ :2000	54.3	58.2		58.9		58.9	58.9	59.0			59.0	59.0		59.0	59.0	
≥ 10000	55.3	59.6	60.3	6D.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	55.4	59.7	60.5				60.5			60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	56.0	60.5	61.4	61.4	61.4	61.4	61.4	61.5		61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000	56.5	1	62.2					62.3			62.3	62.3		62.3	62.3	62.3
≥ 6000	57.3	62.2	63.0	63.0	63.0	63.0	63.0	63.1	63.1		63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	57.8	62.9	63.9		63.9	63.9		64.0	64.0	64.D	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	59.7	65.2	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	60.1	65.8	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	61.1	67.2	68.3	68.3	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	62.7	69.4	70.4	70.4	79.4	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2500	64.1	71.7	72.8	72.8	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2000	66.6	75.7	77.1	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1800	67.0	76.9	78.3	78.4	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.ú
≥ 1500	68.3	78.7	80.2	80.3	80.9	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1200	68.8	79.8	81.9	82.2	82.9	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ ,000	69.2	80.5	82.7	83.1	83.9	84.0	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	69.4	80.9	83.3	83.8	84.6	84.7	85.6	85.8	86.D	86.0	86.0	86.0	86.0	86.0	86.3	86.0
≥ 800	69.4	81.6	84.3	84.7	85.6	85.7	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	69.4	82.4	85.5	86.3	87.3	87.6	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	69.4	82.8	86.3	87.3	88.4	88.9	90.5	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	69.4	83.7	87.3	88.7	90.4	91.1	92.8	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	69.4	83.7	87.3	88.8	90.8	91.6	93.8	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6
2 300	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.2	97.1	97.2	97.3	97.3	97.3	97.3
≥ 200	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.6	97.7	97.8	98.5	98.6	98.9	99.0
≥ 100	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.6	97.7	97.8	98.6	98.7	99.4	99.7
2 0	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.6	97.7	97.8	98.7	98.8	99.5	100.0
لنــــا	07.4	03.4	01.3	50.5	70.9	7101	77.4	73.4	73.3	70.0	77.1	71.0	70.7	70.0	77.5	

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS ENTIONS OF THIS FORM ARE OBSOLET



CEILING VERSUS VISIBILITY

1 70 74

BERGSTROM AFB TX

69-70,73-80

MAL

FATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LIST)

CEILING							VIS	BILITY ST	ATUTE MIL	ES-]
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≳۱%	≥1%	≥1	≥ ¼	≥%	≥ ¼	≥ 5/16	≥ ¼	≥0
NO CEILING	45.2	47.8	48.5		48.7	48.7	-		49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2
≥ 20000	48.1	51.0							52.2		52.3	52.3			52.3	
≥ 18000	49.1	52.0	52.7	52.7	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4
≥ 16000	49.1	52.0	52.7	52.7	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4
≥ 14000	50.1	53.0	53.7	53.7	53.9	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 12000	50.8	53.7	54.3	54.3	54.5	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 19000	51.2	54.1	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥ 9000	51.7	54.6	55.3	55.4	55.7	55.7	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 8000	51.9	54.8	55.5	55.6	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 7000	52.3	55.3	55.9	56.0	56.3	56.3	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 6000	53.3	56.6	57.2	57.3	57.6	57.6	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 5000	54.7	58.1	58.7	58.8	59.1	59.1	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 4500	56.1	59.5	60.3	60.4	60.8	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3
± 4000	56.6	59.9	60.8	60.9	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 3500	57.2	60.9	61.7	61.8	62.2	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 3000	59.5	63.4	64.6	64.7	65.1	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 2500	61.1	66.0	67.3	67.4	67.7	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 2000	64.2	70.4	71.8	72.0	72.4	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 1800	65.2	72.0	73.5	73.9	74.3	74.3	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 1500	66.5	74.4	76.0	76.5	77.0	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 1200	68.1	77.6	79.2	79.7	80.2	80.2	80.4	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ /000	68.4	79.2	81.d	81.4	82.0	82.0	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 900	68.6	80.4	82.4	82.8	83.5	83.5	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 800	68.6	81.5	83.4	83.9	84.7	84.7	84.9	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 700	68.6	82.5	84.4	85.2	86.2	86.2	86.7	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 600	68.9	83.1	85.1	86.0	87.2	87.3	87.7	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.9
≥ 500	68.9	83.5	85.5	86.6	88.3	88.4	88.9	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.4
≥ 400	68.9	84.0	86.5	87.6	89.4	89.8	90.4	91.3	91.8	92.4	92.5	92.5	92.5	92.5	92.6	92.7
≥ 300	68.9	84.0	86.6	87.6	89.7	90.3	91.6	92.7	93.3	94.1	94.3	94.3	94.3	94.3	94.4	94.5
≥ 200	68.9	84.d	86.6	87.6	89.8	90.4	91.8	93.1	34.0		96.1	96.1	96.2	96.2	97.0	97.3
≥ 100	68.9	84.0	86.6	87.6	89.8	90.4	91.8	93.2	94.2	95.5	96.5	96.8	97.2	97.2	98.5	99.0
≥ 0	68.9	84.0	86.6			90.4	1 7 7 71		94.2	-	96.5	96.8	97.3			120.0
ــــــا	0007	37.4	50.9	3.09	3,00	7017	· • • •	, , , , ,	/702	/ 5 . 5	,,,,,	,,,,,	,,,,,	/	,,,,,	,,,,,

TOTAL NUMBER OF OBSERVATIONS ___

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE OSSOLET



CEILING VERSUS VISIBILITY

13934

BERGSTROM AFB TX

69-70,73-80

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING							VI5	BILITY ST	ATUTE MILI	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	39.3 42.5	43.6		44.3 48.0	44.4	44.4	44.4 48.1	44.5 48.2	44.5 48.2	44.5 48.3	44.6 48.4	44.6	44.7	44.7 48.4	44.7 48.5	44.8 48.6
≥ 18000 ≥ 16000	43.0 43.1	47.8 48.0	רייי י	48.5 48.7	48.6 48.8	48.6 48.8	48.7 48.9	48.8 49.0	48.8 49.0	48.8 49.0	48.9 49.1	48.9 49.1	48.9 49.1	49.0 49.2	49.0 49.2	49.1
≥ 14000 ≥ 12000	43.7	48.7	49.1 49.8	49.3 50.1	49.4 50.2	49.4 50.2	49.5 50.2	49.6 50.3	49.6 50.3	49.6 50.4	49.7 50.5	49.7 50.5	49.7 50.5	49.8 50.5		-
≥ 10000 ≥ 9000	45.3 45.5	50.5 50.7	51.2	51.2 51.5	51.4 51.6	51.4 51.6	51.4 51.7		51.5 51.7	51.6 51.8	51.7 51.9	51.7 51.9	51.7 51.9	51.7 51.9	51.7 52.0	51.9
≥ 8000 ≥ 7000	46.1	51.5 52.6	53.0	52 .3	52.4 53.5	52.4	52.5 53.5	52.6	52.6	52.6 53.7	52.7 53.8	52.7 53.8	52.8 53.8	52.8 53.8	52.8 53.8	53.0 54.0
≥ 6000 ≥ 5000	47.6 48.3	53.5	55.2	54 • 2 55 • 5	54.4	54.4 55.6	54 • 4 55 • 7	54.5 55.8	54.5	55.8	54.7 55.9	54.7 55.9	56.7	54.7 56.0	56.0	54.9
≥ 4500 ≥ 4000	49.4	56.5 57.2 58.6	57.2 57.8	57.5 58.1	57.6 58.3	57.7	57.7 58.4 59.9	57.8 58.5	57.8 58.5	57.9 58.5 60.1	58.0 58.6 60.1	58.0 58.6 60.1	58.0 58.6 60.2	58.0 58.7	58.0 58.7	58.2 58.9 60.4
≥ 3500 ≥ 3000	50.8 52.4 54.2	60.9	61.6	59.7 62.0	59.8 62.2	59.8 62.2		62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.8
≥ 2500 ≥ 2000 ≥ 1800	56.2 56.8	66.8	67.9	68.3	68.6	68.7	68.8	69.0	69.0 70.4		69.1	69.1	69.1	69.2	69.2	69.3
≥ 1500	58.2	71.0		73.0	73.5	73.6	73.8	74.0	74 • C		74.2	74.2	74.2	74.2	74.2	74.4
≥ 1000	59.6	75.5	77.7	78.5	79.3	79.5	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.5
≥ 800 ≥ 700	59.8	77.6	80.2	81.4	82.6	82.6	83.3 85.1	83.5	83.6	83.7	83.8	83.8	83.8	83.9	83.9	84.1
≥ 600	60.0	79.2	82.3	84.0	85.8	86.2	86.9 89.0	87.4	87.5 90.0	87.7 90.3	87.8 90.4	87.8	87.8	87.9	87.9 90.5	88.1 90.7
≥ 400	60.0	79.9	83.4	85.6	88.3	89.2	90.5	91.7	92.1	92.8	93.0	93.1	93.1	93.2	93.2	93.4
≥ 200	60.0	79.9	83.4	85.7 85.7	88.7	89.7	91.5 91.5	93.2		95.3 95.5	96.2	96.7	96.7	96.8	97.1	97.4
≥ 0	60.0	79.9	83.4	85.7	88.7	89.7	91.5	93.2	94.1	95.5	96.5	96.7	97.3	97.6	98.5	00.0

TOTAL NUMBER OF OBSERVATIONS _______744

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

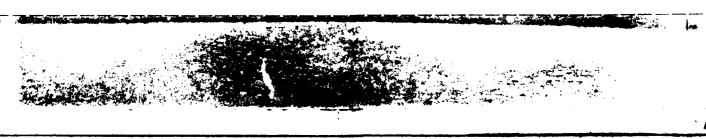
G000-0200

CEILING							vis	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ₩	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	47.4 49.5	51.2 53.4		52.7 55.0	52.7 55.0	52.8 55.1	53.0 55.2			53.0 55.2	53.1 55.3		53.1 55.3	53.1 55.3	53.2 55.4	53.3 55.6
≥ 18000 ≥ 16000	49.5	53.4 53.4		55.0 55.0	55.0 55.0		55.2 55.2			55.2 55.2	55.3 55.3	55.3 55.3	55.3 55.3	55.3 55.3	55.4 55.4	55.6 55.6
≥ 14000 ≥ 12000	49.9	53.8 53.9		55.3 55.4	55.3 55.4	55.4 55.6	55.6 55.7	55.6 55.7	55.6 55.7	55.6 55.7	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.8 55.9	55.9 56.0
≥ 10000 ≥ 9000	51.1 51.4	55.2 55.6		56.7 57.1	56.7 57.1	56.9 57.2	57.0 57.3	57.0 57.3	57.0 57.3	57.0 57.3	57.1 57.4	57.1 57.4	57.1 57.4	57.1 57.4	57.2 57.6	57.3 57.7
≥ 8000 ≥ 7000	53.1 54.0	57.4 58.4		59.0 59.9	59.0 59.9	59.1 60.0	59.2 60.2	59.2 60.2	59.2 60.2	59.2 60.2	59.3 60.3	59.3 60.3	59.3 60.3	59.3 60.3	59.5 60.4	59.6 60.5
≥ 6000 ≥ 5000	54.6 5 5. 4	59.2 60.3	59.9 61.0	60 • 8 61 • 8		60.9 61.9	61.0 62.1	61.0 62.1	61.0 62.1	62.1	61.1 62.2	61.1 62.2	61.1 62.2	61.1 62.2	61.2 62.3	61.3
≥ 4500 ≥ 4000	56.1 56.7	61.6		63.1 64.1	63.1 64.1	63.2 64.2	63.4 64.3	63.4	63.4 64.3	63.4	63.5 64.4	63.5 64.4	63.5 64.4	63.5	63.6 64.5	63.7 64.7
≥ 3500 ≥ 3000	57.4 58.5	63.2	63.9 65.5	64.8 66.4	64.8 66.4	64.9 66.5	65.0 66.7	65.0 66.7	65.0 66.7	65.0 66.7	65.1 66.8	65.1 66.8	65.1 66.8	65.1 66.8	65.2 66.9	65.4 67.0
≥ 2500 ≥ 2000	59.1 59.5	66.8 69.3	67.6 70.4	68.6 71.4	68.6 71.4	68.7 71.5	68.8 71.6	71.6	68.8 71.6	68.8 71.6	68.9 71.7	68.9 71.7	68.9 71.7	68.9 71.7	69.0 71.9	69.1 72.0
≥ 1800 ≥ 1500	59.6 60.3	70.3			72.6 75.5	75.7	72.8 75.8	75.8	72.8 75.8	72.8 75.8	72.9 75.9	72.9 75.9	72.9 75.9	72.9 75.9	73.0 76.0	
≥ 1200 ≥ 1000	61.2	77.1 80.0	82.2	80.4 83.8	80.9 84.3	81.0 84.4	81.1	81.1	81.1	81.1	81.2 84.6	81.2	81.2	81.2	81.3	81.4
≥ 900 ≥ 800	62.3	81.0	83.1 85.0	84.8	85.2 87.5	85.3 87.8	85.5 87.9	85.5 87.9	85.5 87.9	85.5	85.6 88.1	85.6	85.6	85.6	85.7	85.8
≥ 700 ≥ 600	63.1	83.6	85.9 86.3	87.9	88.7	89.0 89.5	89.1 89.7	89.2 90.2	89.2 90.2	90.3	90.4	89.4 90.4	90.4	90.4	90.5	89.6 90.7
≥ 500 ≥ 400	63.1	84.9	87.9 88.3	90.2	91.0	91.4	91.8	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.3	94.9
≥ 300 ≥ 200	63.1	85.2 85.2	88.4	91.4	93.4 93.4	94.3	94.9 95.3	96.0 96.6	96.1 96.7	96.6 97.4 97.9	96.8 97.6	96.8 97.8 98.2	96.8 98.1	96.8 98.2 99.2	96.9 98.3	97.0 98.6
≥ 100 ≥ 0	63.1	85.2 85.2		91.4	93.4	94.3	95.3	96.8 96.8	96.9	97.9	98.1	98.2	98.8	99.2		00.0

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

13974

BERGSTROM AFB TX

69-70,73-80

FE8

200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

846

VISIBILITY STATUTE MILES (FEET) >1% ≥ 5/16 41.8 45.0 45.4 45.9 45.9 46.1 46.1 46.2 46.2 46.2 46.2 46.3 46.6 46.6 46.7 46.7 43.5 46.7 47.2 47.6 47.6 47.9 47.9 48.0 48.0 48.0 48.0 48.1 48.3 48.3 48.5 48.5 > 20000 ≥ 18000 43.5 46.7 47.2 47.6 47.6 47.9 47.9 48.0 48.0 48.0 48.1 48.3 48.3 48.5 48.5 48.5 48.7 47.2 47.6 47.6 47.9 47.9 48.0 48.0 48.0 48.0 48.1 48.3 48.3 48.5 48.5 48.5 48.7 49.2 49.2 49.4 49.4 49.5 49.5 49.5 49.5 49.6 49.9 49.9 50.0 50.0 49.4 49.4 49.6 49.8 49.8 49.8 49.8 49.8 49.8 49.8 50.0 50.1 50.1 50.2 50.2 ≥ 14000 ≥ 12000 > 10000 ≥ 9000 ≥ 8000 > 2000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 1200 ≥ ;000 55.7 74.6 76.8 78.1 78.6 79.2 79.2 79.7 79.7 79.7 79.8 80.0 80.3 80.3 80.4 80.4 56.0 76.1 78.7 80.1 81.1 81.7 81.7 82.2 82.2 82.2 82.3 82.5 82.7 82.7 82.9 82.9 56.3 77.0 79.7 81.1 82.3 82.9 82.9 83.3 83.3 83.3 83.5 83.7 83.9 83.9 84.0 84.0 56.3 77.3 80.4 82.0 83.5 84.0 84.0 84.5 84.5 84.5 84.6 84.9 85.1 85.1 85.2 85.2 900 800 700 ≥ 600 56.3 78.1 82.4 84.6 86.9 87.7 87.9 88.4 88.7 88.8 89.0 89.2 89.2 89.4 89.4 56.3 78.6 82.9 85.3 88.1 88.9 89.6 90.2 90.7 90.9 91.0 91.3 91.5 91.5 91.6 91.6 56.3 79.1 83.3 85.8 88.7 89.5 90.7 91.5 92.3 93.1 93.4 93.6 94.0 94.1 94.2 94.6 56.3 79.1 83.3 86.1 89.0 90.2 91.7 93.4 94.2 95.6 95.9 96.1 96.6 96.7 96.9 97.3 56.3 79.1 83.3 86.1 89.0 90.2 91.8 93.7 94.6 96.6 96.8 97.0 97.6 97.9 98.2 98.7 56.3 79.1 83.3 86.1 89.0 90.2 91.8 93.7 94.6 96.6 96.8 97.2 97.8 98.1 98.8 00.0 ≥ 500 400 300

TOTAL NUMBER OF OBSERVATIONS _

JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF

- - ·

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

FEB

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L.S.T.)

CERUNG							VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING	35.6	39.4	39.7	40.2	40.4	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.3	41.0	41.1
≥ 20000	38.1	42.2	42.6	43.0	43.3	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	44.0
≥ 18000	38.2	42.3	42.7	43.3	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.
≥ 16000	38.2	42.3	42.7	43.3	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.
≥ 14000	38.7	42.9	43.3	43.9	44.2	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.
≥ 12000	39.0	43.4	43.7	44.3	44.7	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.
≥ 10000	39.8	44.6	44.9		45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.
≥ 9000	39.8	44.6	44.9	45.5	45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.
≥ 8000	40.8	45.6	46.0	46.6	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.
≥ 7000	41.7	46.8	47.2	47.8	48.1	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.
≥ 6000 ≥ 5000	43.3	48.7	49 • 1	49.6	50.0	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.
_	44.1	50.4	50.8	51.4	51.8	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.
≥ 4500 ≥ 4000	44.6	51.1	51.5		52.8	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.
	44.6	51.3	51.8	52.5		53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.
≥ 3500 ≥ 3000	45.3	52.1	52.6		53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54 - 6	54.
	46.1	53.5	54.0	54.7	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.
≥ 2500 ≥ 2000	47.9	56.9	57.6	58.5	59.2	59.7	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.
	48.3	59.2	59.9	61.1	61.8	62.3	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	: 3.
≥ 1800	48.8	59.8	60.6			63.4	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.2	
	49.4	64.1	63.0	64.5	65.2	65.7	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	56.
≥ 1200	50.2	64.7	65.8		68.9	69.4	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.
	50.6	67.6	69.1	71.3	72.6	73.0	73.4	73.6	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.
≥ 900 ≥ 800	50.6	68.7	70.6	72.8	74.3	74.8	75.4	75.7	75.8	75.9	76.2	76.2	76.2	76.4	76.4	76.
	50.6	70.2	72.5	75.2	77.2	77.7	78.5	78.7	78.8	79.0	79.3	79.3	79.3	79.4	79.4	79.
≥ 700 ≥ 600	50.7	71.9	73.6	76.7	79.1	79.6	80.6	81.0	81.1	81.3	81.7	81.7	81.7	81.5	81.8	81.
	50.7	71.9	74.9	78.7	81.2	82.2	83.6	84.0	84.2	84.4	84.8	84.8	84.8	84.9	84.9	85.
≥ 500 > 400	50.7	72.3	76.1	80.1	83.2	84.2	86.2	86.6	86.8	87.2	87.6	87.6	87.6	87.7	87.7	87.
	50.7	72.5	76.5	80.6	83.9	85.2	87.2	87.9	88.2	88.7	87.1	67.1	67.1	67.4	89.4	89.
≥ 300 ≥ 200	50.7	72.6	76.6	81.1	84.0	86.4	88.8	89.8	90.2	91.1	91.6	71.0	91.7	72.1	92.1	92.
	50.7	72.6	76.6	81.1	84.9	86.8	89.1	90.4	91.1	92.6	93.3	93.5	93.9	94.4	94.7	95.
≥ 100	50.7	72.6	76.6		84.9	86.8	89.1	90.7	91.5	93.5	94.7	94.9	95.5	96.5	97.0	98.
≥ 0	50.7	72.6	76.6	81.1	84.9	86.8	89.1	90.7	91.5	93.5	94.7	94.9	95.6	96.6	97.4	tuo.

TOTAL NUMBER OF OBSERVATIONS ____

84

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



CEILING VERSUS VISIBILITY

13904 BERGSTROM AFB TX

69-70,73-80

(FROM HOURLY OBSERVATIONS)

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE

3900-110C

CEILING	_						VIS	BILITY ST.	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥21⁄.	≥ 2	≥ + %	≥1¼	≥1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	38.5 40.9		42.2	42.4		42.4	42.4 46.5	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	41.5	46.0	46.7	46.9		47.0	47.0	47.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ ±6000	41.6	46.1	46.8	47.0	47.2		47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000 ≥ 12000	42.3	47.d	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
	43.6	48.5	49.2	49.5		49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000 ≥ 9000	44.4	49.4	50.1 50.1	50.5 50.5		50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 8000	44.8	50.0	50.7	= 1	50.6	50.6 51.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 7000	46.9	52.5	53.3	53.7	53.8			53.8	53.8		53.8	53.8	51.2 53.8	53.8	51.2 53.8	53.8
≥ 6000	47.6	53.3	54.1	54.5	54.6		54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 5000	48.3	54.3	55.3	55.7	55.8		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	48.6	55.6	57.1	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 4000	48.9	56.Q	57.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3500 ≥ 3000	49.2	56.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.5
	50.0	58.2	59.9	0000	0000		60.8	60.8		60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 2500 ≥ 2000	51.1	61.6	63.7	64.3	64.5		64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1800	51.9 52.9	65.6	67.8	67.0		68.0	68.0	69.6	69.6	68.3	68.3	68.3	68.3	69.9	68.3	68.
≥ 1500	53.0	68.7	71.5	72.2	72.9		73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1200	53.3	71.9	75.5		77.5	77.9	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.
≥ ,000	53.9	73.5	77.5	79.2	1 - 7 - 1	80.5	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	53.7	74.8	79.1	80.9	81.8	82.2	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.
≥ 800	53.1	75.4	80.1	82.0	83.3	83.8	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 700	53.7	76.1	81.1	83.6	85.2	85.9	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	53.7	77.g	81.9	84.9			89.6	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 500 ≥ 400	53.7	77.9	81.9	85.3	88.4	89.6	91.3	91.8	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7
	53.7	77.1	82.3	85.8	89.4	90.9	93.1	94.2	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.7
≥ 300 ≥ 200	53.7	77.1	82.3	85.8 85.8	89.4	91.0	93.4	94.9	95.4	96.9	97.4	97.4	97.4	97.6	97.6	97.8
	53.1	77.1	82.3	85.8		91.0	93.6	95.3	96.0	97.6	98.8	98.5	98.6	98.8	98.8	98.9
≥ 100 ≥ 0	53.7	77.1	82.3	85.8	89.4	91.0		95.3			98.8		99.1			
			44.14	03.9	97.57	71.4	,,,,,	/ 3 . 3	7004	7107	70.0	70.7	7701	77.3	7764	

TOTAL NUMBER OF OBSERVATIONS _____



CEILING VERSUS VISIBILITY

13974

BERGSTROM AFB TX

69-70,73-80

FEB

MONTH

1200-1400 HOURS (LS.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥c
O CEIUNG ≥ 20000	47.2 51.8	50.8 56.6		1 1 1 1		50.8 56.6	50.8 56.6	50.8 56.6			50.8 56.6	50.8 56.6	50.8 56.6	50.8 56.6	50.8 56.6	
≥ 18000 ≥ 16000	51.9 52.2	57.1 57.6	57.1	57.1	57.1	57.1	57.1 57.6	57.1	57.1	57.1	57.1 57.6	57.1 57.6	57.1 57.6	57.1 57.6	57.1	57.
≥ 14000 ≥ :2000	53.8	59.1 61.0	59.1	59.1	59.1	59.1	59.1 61.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1 61.0	59.1	59.
≥ 10000 ≥ 9000	56.1 56.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
≥ 8000 ≥ 7000	56.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.
≥ 6000 ≥ 5000	58.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64 • 2 65 • 6	64.
≥ 4500 ≥ 4000	59.9	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6 69.0	67.
≥ 3500 ≥ 3000	61.1	69.7	70.1	70.1	70.1	70.1	70.1 73.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1 73.5	70. 73.
≥ 2500 ≥ 2000	64.9	76.6	77.0	77.1	77.1	77.1	77.1 79.6	77.1	77.1	77.1	77.1	77.1	77.1 79.6	77.1	77.1 79.6	77.
≥ 1800 ≥ 1500	65.8	79.8 79.8 83.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5		80.5	80.5	80.5 83.9	80.5	80.5 83.9	80. 83.
≥ 1200 ≥ 1000	67.	85.5	86.3	86.4	86.9	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5 89.7	87. 89.
≥ 900 ≥ 800	67.1	87.6	88.5	89.0	89.7	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.
≥ 700	67.1	88.7	89.8		92.1	92.6	91.7	93.5		93.5	92.1	93.5	93.5		93.5	93.
≥ 500	67.1	89.2	90.5	92.9	94.4	95.3	95.9	95.2	96.7	96.9	96.9	96.9	96.9	95.3	96.9	96.
≥ 400 ≥ 300	67.1	89.2	90.7	93.6	95.4	96.2	97.0	98.2	98.6	99.5	99.6	99.6	99.6	99.6	98.2	99
≥ 100	67.1	89.2	90.7	93.6	95.4		97.0	98.2	98.6	99.8	99.9	99.9	99.9	99.9		
≥ 0	67.1	89.2	9'.7	93.6	95.4	96.2	97.0	98.2	98.6	99.8	99.9	99.9	99.9	100.0	0.00	100

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



E

CEILING VERSUS VISIBILITY

13934

BERGSTROM AFB TX

STATION NAME

69-70,73-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

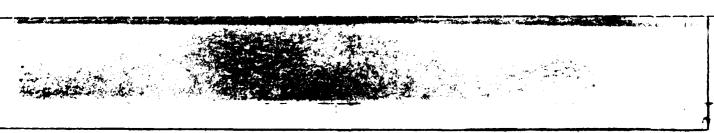
1500-1700 HOURS (L.S.T.)

CEILING					-		VIS	IBILITY STA	ATUTE MILI	ES-						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1 1/2	≥1	≥ ¾	≥ %	≥ ٧;	≥ 5/16	≥ ¼	≥0
NO CEIUNG ≥ 20000	52.2 57.1	55.8 61.1	55.8 61.1	55.8 61.1	55.8 61.	55.8 61.1	61.1	61.1	55.8 61.1	61.1	55.8 61.1	55.8 61.1	55.8 61.1	55.8 61.1	55.8 61.1	55.8 61.1
≥ 18000 ≥ 16000	57.3 57.4	61.5	61.5	61.3 61.5	61.5	61.5		61.5	61.3	61.5	61.3	61.3	61.3	61.3	61.5	61.3
≥ 14000 ≥ 12000	58.4 60.8	62.8 65.2	62.8	62.8 65.2	62.8	62.8	65.2		65.2	62.8	62.8	62.8	65.2	62.8	62.8	
≥ 10000	62.3	67.1	67.1		67.6	67.1			67.6	67.6	67.6	67.6	67.6	67.6	67.6	
≥ 8000 ≥ 7000	63.5	70.6	70.6	69.3 70.6		69.3 70.6 70.8	70.6		69.3 70.6 70.8	70.6	70.6	69.3 70.6 70.8	69.3 70.6 70.8	70.6 70.8	69.3 70.6 70.8	70.6
≥ 6000 ≥ 5000 ≥ 4500	64.7 55.7	70.8 72.3 73.9	70.8 72.3 74.0	70.8 72.3 74.0	70.8 72.3 74.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3 74.0
≥ 4000 ≥ 3500	67.0	74.9	75.1	75.1	75.1	75.1 76.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1 76.6	75.1 76.6	75.1	75.1
≥ 3000	69.6	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79 • 2 82 • 5	79.2	79.2	79.2
≥ 1800	72.5	84.8	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7 87.1	85.7	85.7	85.7 87.1	85.7	85.7
≥ 1500	73.4	87.4	88.1	88.3	88.4	88.9			89.0 91.1	89.0 91.1		91.1	89.0 91.1		89.0 91.1	89.0 91.1
≥ 1000	73.8	89.2	93.2			91.6			91.7	91.7	91.7	91.7	91.7	91.7	91.7 92.8	91.7
≥ 800 ≥ 700	73.8 73.8	90.1	91.1	92 • 1 92 • 3	92.6	93.5			93.4		93.4 94.1	93.4	93.4	93.4	93.4	93.4
≥ 600	73.8	90.8	92.1	93.0 94.0	93.7	94.6	95.2		95.5		95.5 97.4	95.5	95.5	95.5 97.4	95.5	95.5
≥ 400	73.8	91.4	93.1	94.6	95.7	96.6	97.9	98.9	99.1	99.5			100.0	100.0		100.0
≥ 100 > 0	73.8	1	93.1	94.6	95.9	96.7	97.9	98.9		99.5	99.8	100.0	100.0		100.0	00.0
≥ 0	73.8	91.4	93.1	94.6	95.9	96.7	97.9	98.9	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100-6

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



1---

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

FES

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1803-2006 HOURS (L.S.Y.)

CEIDNG							VIS	BILITY STA	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1⅓	≥1%	≥1	≥ ¾	≥ %	≥ У;	≥ 5/16	≥ ¼	≥c
NO CEILING	54.6	59.2	59.5	59.6	59.6	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	58.5	63.2	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.4
≥ 18000	58.6	63.4	63.6	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	58.7	63.5	63.7	63.8	63.8	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	59.2	64.3	64.5	64.7	64.7	64.8	64.9	64.9	65.C	65.0	65.D	65.0	65.0	65.0	65.0	65.€
≥ :2000	61.9	67.d	67.3	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2 10000	62.6	68.2	68.4	68.6	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	63.1	68.8	69.0	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	65.6	72.0	72.2	72.3	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	65.7	72.3	72.6	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.6	73.0	73.0	73.0	73.0	73.0
≥ 6000	66.5	73.2	73.4	73.5	73.5	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	67.3	74.6	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	67.6	76.1	76.4	76.5	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	67.7	76.5	76.7	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	69.3	78.1	78.4	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	70.4	79.7	79.9	80.0	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	72.0	82.3	82.9	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	72.9	84.6	85.8	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	73.3	85.6	86.9	87.1	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	73.6	87.2	88.5	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	73.9	88.3	89.8	90.4	90.4	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ ,000 }	74.0	88.8	90.3	91.0	91.0	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	74.0	89.5	91.0	91.7	91.7	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	74 . d	89.8	91.4	92.1	92.2	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	74.0	90.4	92.0	92.9	93.0	93.3	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	74.0	90.8	92.3	93.3	93.4	93.6	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	74.0	91.1	92.9	94.1	94.4	94.7	95.4	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	74.d	91.4	93.1	94.3	94.9	95.2	95.9	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.G
≥ 300	74.0	91.4	93.3	94.7	95.5	95.9	97.0	98.0	98.3	98.9	99.3	99.3	99.3	99.5	99.5	99.5
≥ 200	74 • C	91.4	93.3	94.7	95.5	96.0	97.4	98.3	98.7	99.3	99.6	99.6	99.6	99.9	99.9	99.9
≥ 100	74.0	91.4	93.3	94.7	95.5	96.0	97.4	98.3	98.7	99.3	99.6	99.6	99.8	LCO.0	00.0	100.0
≥ 0	74.0	91.4	93.3	94.7	95.5	96.0	97.4	98.3	98.7	99.3	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX STATION NAME 69-70,73-80

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300 Hours (List)

CEILING		· <u>·</u>				<u></u>	vis	BILITY ST.	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ ٧:	≥ 5/16	≥ '4	≥¢
NO CEILING ≥ 20000	56.4	60.2	67.5	60.8		60.9	61.1	61.2			61.2	61.2	61.2	_		61.7
	58.4	62.8		63.4										63.8		63.6
≥ 18000 ≥ 16000	58.4	62.8	63.1	63.4	63.4	63.5		63.8	63.8	-	63.8	63.8	63.8	63.8		63.8
	58.4	62.8		63.4		63.5					63.8					63.
≥ 14000 ≥ 12000	58.5	63.2	63.6	63.8		63.9	64.2				64.3	64.3	64.3			64.
	59.5	64.5		65.1	65.1	65.2		65.6		65.6						65.1
≥ 10000 ≥ 9000	60.4	65.6	66.0	66.2	66.2	66.3			66.7	66.7	66.7	66.7	66.7	66.7		60.
	60.5	65.7	66.1	66.3	66.3	66.4						66.8			66.8	66.
≥ 8000	62.9	68.0	68.3	68.6	68.6	68.7	68.9				69.0	69.0	69.0	69.0	69.€	69.1
≥ 7000	64 • 1	69.7	70.1	70.3		70.4	70.7	70.8	70.8		70.8	70.8	70.8	70.8	70.8	7ŭ.{
≥ 6000	64.3	70.0	77.3	70.6	70.6	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 5000	64.5	73.7	71.0	71.3	71.3	71.4	71.6	71.7	71.7		71.7	71.7	71.7	71.7	71.7	71.
≥ 4500	65.2	72.2	72.6	72.8	72.8	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.
≥ 400C	65.4	72.2	72.6	_72.8	72.8	72.9	_73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.
≥ 3500	65.7	72.9	73.3	73.5	73.5	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.
≥ 3000	67.0	74.5	74.8	75.1	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.
≥ 2500	69.0	77.4	77.8	78.Q	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.1
≥ 2000	69.7	80.3	80.7	81.0	81.1	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
≥ 800	69.9	80.6	81.2	81.4	81.6	81.7	81.9	82.0	82.0	82.C	82.0		82.0		82.0	82.1
≥ 1500	70.1	84.4	85.2	85.8	85.9	86.1	86.3	86.4	86.4	86.4		86.4				86.1
≥ 1200	71.7	87.7	88.5	89.1	89.5	89.6			90.0		90.1	90.1	90.1	90.1		90.
≥ ,000	72.1	88.3	89.2	89.8	- 1	90.3	90.5									
≥ 900	72.2	88.7	89.6	90.2	90.5	90.7	90.9	91.0	91.0		91.1	91.1	91.1	91.1	91.1	91.
≥ 800	72.5	89.6	1	91.3	91.6	91.7	92.0		92.1	92.2				92.2		
≥ 700	72.5	90.2	91.4	92.1	92.4	92.6	92.8		92.9	93.0	93.0		93.0		$\overline{}$	93
≥ 600	72.6	90.9		93.3	93.6	93.7	94.0		94.1	94.2	94.2	94.2				
≥ 500	72.6	92.2	94.2	95.2	95.6	95.7	96.0	96.1	96.1	96.3	96.6	96.6	96.6	96.6		96
≥ 400	72.6	92.2	94.3	95.5	96.2	96.5	96.8	1	97.3		- 1	97.5		97.5		97.
≥ 300	72.6	92.3	94.6	96.1	96.9	97.2	97.5		97.9	98.1	98.5	98.5	98.5	98.5		98
≥ 200	72.6	92.4	94.7	96.2	97.2	97.4	97.8		98.5	98.9	99.3	99.3				
	72.6	92.4	94.7	96.2	97.2	97.4	97.8	98.3	98.6		99.4	99.5		99.9		
≥ 100 E ≥ 0	1	1		* * 7												
	72.6	92.4	94.7	96.2	97.2	97.4	97.8	98.3	98.6	99.1	99.4	99.5	99.8	99.9	99.9	1 · · · ·

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF



DE JEAL CLIMATOLOGY BRANCH CORFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS

STATION STATION AFB TX

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

E Comp				_			VIS	B . * + ST	ATUTE MIL	ES			
/*EE's	≥ ≎	≥6	≥:	≥ 4	≥ 3	≥2%	≥ ?	≥ ⋅ ½	≥1%	≥1	≥ %	≥ %	≥ 4.
NO CERINO	46.7	50.4						51.3	51.3	51.3		51.3	51.3
≥ 20000	49.7	53.9			54.6	54.7		54.8		54.9	54.9	54.9	54.9
≥ 18000	49.9	54.1	54.5	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5006	50.0	54.2	54.6	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
≥ '4000	50.9	55.0	55.3	55.6	55.7	55 • 8	55.9	55.9	55.9	55.9	56.C	56.0	56.0
≥ 2000	51.7	56.3	56.6	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3
≥ 10000	52.6	57.5	57.9	58.2	58.2	58.3	58.4	58.5	58.5	56·5	58.5	58.5	58.5
> 6000	52.8	57.7	58.1	58.4	58.5	58.6	58.7	58.7	58.7	56.7	58.7	58 - 8	58.8
≥ 8000	54.1	59.3	59.7	6".0	63.0	60.2	60.2	60.3	6C.3	60.3	60.3	60.3	60.3
≥ 7906	55.2	60.6	61.0	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 6000	55.8	61.5	61.7	62.1	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	56.4	62.6	63.1	63.4	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.3	63.8
≥ 4500	57.2	64.0	64.5	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
≥ 400C	57.6	64.7	65.2	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0
≥ 3500	58.4	65.7	66.3	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	59.5	67.6	68.2	68.6	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	60.8	70.4	71.1	71.6	71.8	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2
≥ 2000	61.5	73.0	75.9	74.4	14.7	74.9	75.0		75.1	75.1	75 - 1	75.2	75.2
≥ 1800	61.9	73.8	74.8		75.7	75.9		76.1	76.1	76.1	76.2	76.2	76.2
≥ 1500	62.6	76.5	77.7	78.4	78.6	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.3
2 200	63.3	79.4			82.3	82.6	82.8	82.9	83.0	83.0	83.1	83.1	83.1
± 900	63.6	81.d	82.7	-			,	85.2		85.3	85.3	85.4	85.4
. 95.	63.7	81.8			85.5			86.3	86.3	86.4		86.5	86.5
* #:4	63.8	82.8	84.8	86.2	87.0	87.4	87.8	88.0	88.1	88.1	88.2	88.2	88.3
	63.4	83.4	85.6	87.2	88.2	88.7	89.1	89.4	89.5	89.5	89.6	89.6	89.7
5 6 W	63.4	83.9	86.3				90.6					91.3	91.3
, *	63.4					91.8		93.2	93.3	93.5	93.6	93.7	93.7
•	1		87.6		-1		93.8						
•	7.1			9 . 4				95.6		96.7		-	97.2
	1.1			- 1	92.6		95.0	96.2			98.0		98.2
	• 1	4 . 4	- :	• .	97.6				96.7			98.5	98.8
			4 ' . 4		93.6						98.4		98.8

TOTAL NUMBER OF OBSERVATI

CEILING VERSUS VISIBILITY

17 . 4

BERGSTROM AFB TX

69-70,73-80

MA 3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

)000-0203 HOURS (L.S.Y.)

NO E (INC) 2 20000 2 18500 4 2 14600 4 2 17000 4 2 17000 4 2 17000 4 2 1700000 4 2 170000 4 2	46.7 46.9 46.9 47.8 49.2 50.5	≥ 6 45.9 49.7 49.9 49.9 50.9 52.6 53.9	50.5	50.6 50.9 56.9 51.8	5 .9 51.1 51.1	51.0 51.2	51.0	51.0	≥1% 47.1 51.0	≥1 47.2 51.1			≥ v. 47.2			≥0 47• <u>7</u>
2 20000 4 2 18000 4 2 5100 6 2 14000 6 2 10000 6	46.7 46.9 46.9 47.8 49.2 50.5	49.7 49.9 49.9 50.9 52.6 53.9	50.3 50.5 51.5 51.5 53.3	50.6 50.9 56.9 51.8	5 .9 51.1 51.1	51.0 51.2	51.0	51.0								
2 18000 (2 5100 (2 14000 (2 12000 (2 12000 (2 9000 (46.9 46.9 47.8 49.2 50.5	49.9 49.9 50.9 52.6 53.9	50.5 51.5 51.5 53.3	50.9 50.9 51.8	51.1 51.1	51.2	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.5	61 7
2 5700 2 14600 2 12000 2 10000 2 9000	46.9 47.8 49.2 50.5	49.9 50.9 52.6 53.9	5 '.5 51.5 53.3	56.9 51.8	51.1		51.2					7 4 0 4	2	7894	2106	1 3 4 6 4
≥ 14000 ≥ 12000 ± 12000 ± 12000	47.8 49.2 50.5 50.5	50.9 52.6 53.9	51.5 53.3	51.8		51.2		51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4
2 12000 (2 10000 2 10000	49.2 50.5 50.5	52.6 53.9	53.3		52.0		51.2	51.2	51.2	51.3	51.3	51.3		51.3	51.4	51.4
± 19090 ± 9900	50.5 50.5	53.9		53.7		52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4
2 9000	50.5		54.7					54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2
		5 7 . d		55.1	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6
	7 D 4	7	54.7	55.1	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.€
	20 • Y	54.1	54.9	55.5	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.7	55.
2 1990.	50 • ∮	54.3	55.2	55.7	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.2
≥ 500C S	51.7	55.3	56.1	56.7	56.9	57.0	57.0	57.0	57.7	57.1	57.1	57.1	57.2	57.2	57.3	57.7
2 5000	53.4	56.9	57.7	56.3	58.5	50.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.9	58.4
4500	54.3	57.7	58.5	59.1	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.P	¢ 6 . +
f 400t	54.2	58.4	58.4	59.4	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	57.7	61.0
± 3500.	54.9	59.2	6 .1	6 . 6	6 . 9	61.1	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.3	61.3
2 3000	55.5	60.4	61.3	61.a	62.0	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	€2.5	62.5
. 2500	56.4	63.3	64.2	64.7	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	+5.4
200%	59.5	65.d	68.8	69.7	69.9	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	71.5	7
2 800 (60.2	69.1	70.0							71.7			71.8	71.8	71.9	71.5
2 150C	62.4	7 7	73.5	74.4	74.6	74.8	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.0
2 206 (65.1	78.3	79.1	80.2	80.4	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.4	21.4	31.5	P1.5
2 000 (65.7	82.d	82.9	84.0	84.4	84.7	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.5	35.6	45.6
2 90%	66.8	84.2	85.2	36.3	86.9	87.2	87.6	87.6	87.6	87.8	87.8	87.8	88.0	88.0	88.1	38.1
± 800 (67.2	85.8	86.9	88.3	88.9	89.2	89.7	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.1	95.1
≥ 700 (67.4	86.5	87.6	89.1	90.1	93.4	91.0	91.0	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.5
	67.5	87.3	88.7	9:.3	91.3	91.6	92.2	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.8	92.0
≥ 500	67.6	87.8	89.7	91.5						94.5						
	67.6	88.5	93.3			95.2	96.1	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.3	97.3
≥ 300	67.6	88.5	90.3	92.4	94.5	95.2	96.1	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.4	97.4
	67.6	88.5	90.4							97.7						
> 100	67.6	88.5	97.4							98.4						
-	67.6	88.5	97.4	92.5	94.6	95.4	96.5	97.1	97.7	98.4	98.4	98.7	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



930

CEILING VERSUS VISIBILITY

17974

BERGSTROM AFB TX

69-70,73-80

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500 HOURS (L.S.T.)

°E , №′>					,		V15	B. TV ST	ATUTE MIL	E5						
/PEET»	≥ :	≥ 6	≥ 5	≥ 4	≥ 3	22%	≥ }	≥ . %	≥1%	≥1	≥ %	≥ %	≥ ₩.	≥ 5/16	≥ ′4.	≥د
NC 180N1 ≥ 20000	37.6 40.1	41.5	41.8					42.6 45.2	42.6		42.7			42.7		42.9
≥ 8000	40.3	44.2	44.5	44.9	45.1	45.1			45.4		45.6	45.6	45.6	45.6	45.7	45.7
5 6/4%	40.4	44.3	44.6		45.2			45.5	-		45.7	45.7		45.7		45.8
2 4600	41.	44.8	45.2	45.6	45.7	45.7					46.2	46.2		46.2	46.3	46.7
2 200C	41.9	46.0	46.3	46.8	46.9	46.9	47.2	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.5	47.5
2 7000	43.7	48.2	48.5	48.9	49.0	49.0	49.4	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.7	49.7
÷ 9000	43.8	48.3	48.6	49.0	49.1	49.1	49.5	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.8	49.5
≥ 900C	44.2	43.7	40.7	49.6	49.9	49.9	50.2	50.2	50.2	50.3	53.4	50.4	50.4	50.4	50.5	5 5,€
2 TORR	45.1	49.6	49.9	50.4	50.8	50.8	51.1	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4
* 5//4,	45.7	50.3	50.6	51.2	51.5	51.5	51.8	51.8	51.8	51.9	52.	52.0	52.0	5 2. ů	52.2	52.2
* 50/H	46.3	51.	51.3	51.8	52.2	52.2	52.5	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.8	52.5
+ 450r	44.1	52.8	53.1	53.7	54.0	54.0		54.3			54.5			54.5	54.6	54.6
* 4000	48.5	53.3	53.7		54.5			54.8			55.1	55.1				55.2
	49.7	54.6	54.9	55.5							56.3				56.5	56.5
SULF.	50.3	55.1	56.5					57.6						57.6		£8.0
250c	51.3	58.7	59.3	59.6	59.9	59.9		60.2			60.4	60.4		60.4	60.5	60.5
200	53.9	62.5						64.2				64.4		64.4		64.5
960	55.2	64.5	64.8	65.4							66.5				66.5	66.5
* 'NX	56.9	68.5	69.0					70.6						70.9		71.
200	59.1	74. q	74.7	'			76.6				76.8			76.8	76.9	76.9
3 000	59.9	76.9	77.7			79.0				79.9				80.0		40.1
90%	60.8	79.5	80.5				82.6				82.9				83.7	° 3 • C
2 800	60.7	81.7	82.8					85.4			85.7			85.7		85.8
2 600	61.1	83.7	84.5	85.7	86.6						87.8			87.8		98.0
2 800	61.4	83.4	85.5				88.7				89.2		89.2		,	89.4
≥ 500	61.4		86.5		9 ` 4					-				92.4		92.5
	61.4	84.9		89.9				94.2			95.1			95.2		
≥ 300 ≥ 200	61.4		87.5					95.2 95.9			96.1		97.5	96.2		96.5 98.0
	61.4	85.1	87.5													
≥ 100	1	85.1	1					96.0							98.9	
ل أ	61.4	85.1	87.5	90.1	72.5	72.9	75.5	96.0	70.7	71.0	75.1	75.2	70.4	75.5	77.5	100 · C

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIO

CEILING VERSUS VISIBILITY

13974

BERGSTROM AFB TX

69-70,73-80

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800 HOURS (LIST.)

-+-	. ₩ />							vis	BIL, TY 57,	ATUTE MIL	ES						
151	ff"ı	≥ 0	≥6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥+%	≥1%	≥1	≥ %	≥%	≥ %	≥ 5/16	≥ ¼	≥o
	E (IN/- 2000)	37.9 33.8	36.2	36.8	37.6 41.1	37.6		38.2 41.7	38.2			38.2	38.2	38.2	38.2 41.7	38.2 41.7	38.2 41.7
	8000	33.9	39.7	40.2	41.1	41.2		41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
_	5700	33.8	39.7	42.2	7	41.2		41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
2	400C	34.1	40.2	40.8	41.6	41.7	42.2		42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2	2000	34.7	41.0	41.5	42.4	42.5	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
2	2000	36.9	43.4	44.0	45.1	45.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
*	900C	36.5	43.5	44.1	45.2	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
	900C	36.6	43.8	44.4	45.5	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
	'YXX	37.2	44.5	45.2	46.2	46.5	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.3	47.0	47.0
	5000	38.2	45.7	46.3	47.4	47.6	1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	46.3
L_	SOOK	39.4	47.1	48.	49.0			49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
1	4500	40.4	48.4	49.7	57.4	5 ∵ . 8		51 • 4	51.4			51.5	51.5		51.5	51.5	51.5
ļ	4901	41.1	49.4		51.4	51.7					52.5		52.5		-	52.5	52.5
_	150x.	41.3	50.8		52.8				53.8			53.9	53.9	53.9	53.9	53.9	53.9
		43.0	53.0		55.1	55.4					56.1	56.1	56.1	56.1	56.1	56.1	56.1
1	2500 200	44.4	56.1	57.2	58.4	58.8	59.2		59.5			59.6	59.6		59.6	59.6	59.6
		45.1	59.7	61.9							63.3		63.3			63.3	
1	900 :	46.	61.9	63.0	64.2	64.6		65.3	65.3	65.3		65.4	65.4	65.4	65.4	65.4	65.4
-		47.8	65.4	66.9	68.1	68.7			69.6			69.7	99.7	69.7	69.7	69.7	
2	· 200	48.4	68.6		73.1	74 • q		75 - 1	75.1	75.1		75.2	75.2		75.2	75.2	
-	900	48.6	71.4	73.7 75.6	77.5	78.5		77.4	79.8				77.5	77.6	80.0	77.6 80.0	
يُ	800.	49.4	72.4		79.6	83.9		1111	82.7			82.8	82.8	82.9	82.9	82.9	
2	700	49.7	73.4		81.3	82.8	83.4	84.9	85.1	85.1	85.2	85.2	85.3	A5. 1	85.3	85.3	85.3
ج ا	600	49.7	73.9		82.4	84.4	85.8	• • • • • •		87.1		87.5	87.5	87.6	87.7	87.7	
12	500	49.	75.4	79.9	83.4	85.9		88.9	89.2	89.2	89.6	49.7	89.7	89.8	89.9	89.9	
2	400	49.7	74.9		84.2			90.3	7 : 7 7	91.3	91.6	91.7	91.7	91.9	92.0		
2	300	49.1	74.5	80.4	84.3	87.6		91.2	92.3		93.1	93.2	93.2	93.4	93.5	93.7	
≥	200	49.1	74.5	80.4	84.3	87.6	89.8	91.5	92.7	93.3	94.7	94.9	94.9	95.6	95.9	96.0	
2	100	49.	74.5	80.4	84.3	87.6	89.8	91.5		93.3	94.7	95.2	95.3	96.1	97.1	97.8	98.8
_ ≥	o	49.1	74.5	80.4	84.3	87.6	89.8	91.5	92.7	93.3	94.7	95.2	95.3	96.1	97.1	98.1	co.cl

TOTAL NUMBER OF OBSERVATIONS _

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

137'4

BERGSTROM AFB TX

STATION NAME

69-70,73-80

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0908-1166 Hours (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	E 5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥ ; %	21%	≥1	≥ ¾	≥ %	≥ у:	≥ 5/16	≥ %	≥
ONIJET CH	34.8	40.4	40.6	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.
≥ 20000	38.7	46.1	46.5	46.7	46.8	46.3	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.7	47.	47.
≥ 18000	39.1	46.7	47.0	47.2	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.
≥ 6000	39.6	47.1	47.4	47.6	47.7	47.7	48.0	48.0	48.G	48.0	48.0	48.0	48.0	48.0	48.3	48.
≥ '4000	39.9	47.8	48.2	48.4	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.
≥ 2000	40.8	48.9	49.2	49.5	49.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49,
≥ 10000°	42.0	50.4	50.8	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.
\$ 8000	42.9	51.3	51.6	51.8	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	520
≥ 900C	43.0	51.5	51.8	52.0	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.
2 700C	43.4	52.2	52.6	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53
÷ 6000	44.3	53.1	53.5				54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.
500€	44.3	54.1	54.7	55.1	55.2		55.4	55.4	55.4	1	55.4	1	55.4	55.4	55.4	55
450%	45.6		56.2	56.6		56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56
1 400C	45.8		57.d		57.4				-				57.6	57.6	57.6	57
150C	46.3	57.5	58.3	58.6		58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58
3000	47.5		63.5	60.9			61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61
- 250C	48.2	63.5	64.3	64.6		64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	55
2000	49.2	67.3	68.1	68.6		68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69
. 80¢	50.0		69.4		70.2	70.3	70.5	70.5		70.5	70.5	70.5	70.5		70.5	70
50C	50.9	71.9	72.9	73.8		74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74
£ 20C	51.4	76.0	78.2	79.5		80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	91
2 .000	51.6	77.5	79.9	81.5		83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83
. 00/	51.7	78.8	81.2		84.8	85.2	85.5	85.7	85.7	85.8	85.8	85.8	45.8	85.4	85.8	85
2 900 ≥ 800		וריי ו		83.3		87.3				03.0		88.0		1	1	98
	51.7	79.2	81.9	84.7	86.8		87.6	87.8	87.8	88.0	88.C	89.9	88.0	89.9	88.7	
≥ 700 ≥ 600	51.7	79.8	82.9	86.0	88.4	89.0	89.4	89.6	89.6	89.9	89.9					89
	51.7	80.3	83.7	86.9	89.5	90.4	9 .0		91.4	91.7	91.7	91.7	91.7	91.7	91.7	91
≥ 500 ≥ 400	51.7	80.3	84.1	87.6	97.4	91.7	92.4	92.9	93.0	93.8	93.8	93.9	93.9	93.9	93.9	93.
	51.7	83.5	84.4	88.0		92.5	93.3	94.1	94.4	95.3	95.3	75.4	95.5	95.5	95.5	95
≥ 300 > 300	51.7	80.5	84.4		91.2	92.6	93.7	94.7	95.4	96.5	96.8	96.9	97.0	97.0	97.0	97
≥ 200	51.7	80.5	84.5	88.1	91.3	92.8	93.9	95.2	96.5	97.6	98.3	98.6	98.8	98.8	98.9	98
> 100	51.7	80.5	84.5	7 7 7		92.8	93.9	95.3	96.6	97.7	_ 1	98.9	99.4			99
≥ 0	51.7	80.5	84.5	88 - 1	91.3	92.8	93.9	95.3	96.6	97.7	98.5	98.9	99.4	99.5	99.8	roo.

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

69-70,73-80

MAR

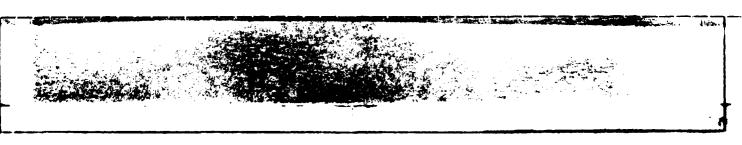
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1403

CEUNG	Ĭ						vi\$	BILITY ST.	ATUTE MIL	ES						
(#661)	≥:0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/.	≥ 2	¥.₹	≥1%	≥1	≥ ¥₄	≥%	≥ %:	≥ 5/16	≥ 4	≥
NO CERING	42.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 3,0000	49.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	50.2	55.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.7
	50.4	56.2	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.5
≥ '4000	51.7	57.6	58.0	58.2	58.2	58.2		58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	52.3	58.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
2 19000	53.2	59.7	60.d	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
> 9000	54.1	60.6	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	54.5	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	52.3	62.3	62.3	62.3
≥ 7000	55.2	62.6	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2 6000	56.	63.5	63.9	64.1	64.2	54.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
± 5000	57.1	64.9	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 450G	57.6	66.6	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67. ?
2 400C	58.3	67.7	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 1500	59.4	77.4	77.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2 3000	62.0	73.9	74.2	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
± 2500	63.9	78.0	79.4	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2 2006	64.5	81.1	81.8	82.6	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	62.9	82.9
≥ 800	64.9	82.4	83.3	84.1	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
₫ 1500	65.4	84.7	85.7	86.8	87.2	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	65.7	87.5	88.5	89.8	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ -000	65.1	88.4	89.8	91.2	91.8	91.8	91.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
> 90C	65.1	88.9	90.4	91.8	93.0	93.1	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	66.0	89.8	91.3	92.7	94.2	94.3	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	66.0	89.8	91.4	92.4	94.5	94.7	94.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	66.1	90.1	91.7	93.3	95.2	95.6	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	66.1	90.2	91.5	93.5	95.4	95.8	96.5	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	66.1	90.1	91.9	93.	95.8	96.3	97.3	98.2	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	66.1	90.3	91.9	93.4	96.0	96.7	97.8	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	66.1	90.3	91.9	93.8	96.0		97.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	00.0	
≥ 100	66.1	90.1	91.9	93.6	96.0		97.8		99.4		100.0					
2 0	66.1	90.3	91.9	93.8	96.0	_ ` ` _	97.8		99.4		100.0					
									,,,,,							

TOTAL NUMBER OF OBSERVATIONS ______930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OBSOLE



** 3

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

MAD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

1E4 NG							viS	BILLITY STA	ATUTE MILI	ES		-				
/FEE*1	≥ .0	≥ 6	≥ 5	≥ 4	≥3	≥ 21/.	≥ 2	۶۰۶	≥1%	≥1	≥ ¼	≥ %	≥ ¥:	≥5/16	≥ %	≥c
NO 18(0NG) 2 20000	47.2 54.2	51.6 59.9	50.6 60.1	50 • 8 60 • 3		51.0 60.5				51.0 60.5	51.0 60.5	51.0 60.5	51.0 60.5	51.0 60.5	51.7 60.5	51.0 60.5
2 8000 3 6000	54.7 5 5. 7	61.7	61.9	61.1	61.3	61.3	61.3	61.3 62.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1460€ ≥ 200€	56.6 58.1	63.0 64.5	63.2	63.4	63.7 65.2	63.7	63.7 65.2	63.7 65.2	63.7 65.2	63.7	63.7 65.2	63.7 65.2	63.7 65.2	63.7 65.2	63.7 65.2	63.7
\$ 9000 \$ 9000	59.9 60.2			67.2 67.5		67.4	67.4 67.7	67.4 67.7	67.4	67.4	67.4 67.7	67.4	67.4	67.4 67.7	67.4 67.7	67.4
2 9000 2 7000 2	61.6	69.4	69.7		70.2	69.1 70.2	69.1 70.2		69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2
2 9000 2 9000	64.4	72.6	72.9	73.2	73.4	71.1 73.4	71.1 73.4		71.1	71.1	71.1 73.4	71.1	71.1	71.1 73.4	71.1	71.1
* 4500 ± 4000	67.4	77.3	75.7		76.3 76.3	76.3 78.3	76.3 78.3	78.4	76.3 78.4	76.3 78.4	76.3 78.4	76.3	76.3	76.3	76.3	76.3
2 1500 2 1000	68.4	79.5	81.9		82.7	80.5	80.5	82.8	80.6	80.6	80.6	80.6	80.6	80.6	82.8	80.6
≥ 2500 ≥ 2000	71.2 72.2 72.4	87.8		88.8	89.2	86.6	86.6	89.4	86.7	86.7	86.7	86.7	86.7	86.7 89.4 91.0	86.7 89.4	86.7
≥ 1800 ≥ 1500 ≥ 1200	72.1	88.9 93.8	92.0		93.2		90.9 93.2 94.2	93.3	91.0 93.3	91.C 93.3	91.0 91.3	91.0 93.3	91.0 93.3 94.3	93.3	93.3	91.5 93.3
≥ 1200	72.7	92.4	94.0	94.7	95.2		95.4			95.5 95.8	95.5	95.5	95.6	95.6		95.6
≥ 700	72.7	92.8	94.5	-	96.0	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9		96.9
≥ 500	72.9	93.3	95.4	96.2	97.0	97.2	98.0	98.1	98.1	98.2		98.2	98.3	98.3		98.3
≥ 400 ≥ 300	72.9	93.3	95.4	96.2	97.0		98.2	98.6	98.8	99.4		99.1	99.2	99.2	99.2	7 7 -
≥ 200 ≥ 100	72.9	93.3	95.4 95.4	96.2	97.0		98.2	98.7	98.9	99.5 99.5	99.9	99.9	100.0	0.00	100.0	
≥ 0	72.9	93.3	95.4	96.2	97.0	97.3	98.2	98.7	98.9	99.5	99.9	99.9	100.0	100.0	00.0	100.0

TOTAL NUMBER OF OBSERVATIONS _

93

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

11904 BERGSTROM AFB TX

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400

CELLING							vis	BILITY STA	ATUTE MILI	E S						
PEE's	≥:0	≥ 6	≥ 5	≥4	≥3	≥2%	≥ ?	%+≤	≥1%	≥1	≥ ¼	≥ %	≥ ⊬.	≥ 5/16	≥ ¼	≥0
NO CEUNG ≥ 20000	51.7 58.3	55.4	55.6	56.2	56.6	56.6	56.7 65.5	56.7 65.5	56.7 65.5	56.7 65.5	56.7 65.5	56.7	56.7 65.5	56.7 65.5	56.7 65.5	56.7 65.5
≥ 18000 ≥ 6000	58.8	64.6	64.9	65.6	65.9	65.9	66.0 66.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0 66.9
≥ 14000 ≥ 2000	61.0	67.0	67.3	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2 0000 2 9000	64.6	71.3	71.6	72.3	72.6	72.6	70.0	72.7	70.0	72.7	72.7	70.0	72.7	70.0	72.7	72.7
≥ 800C	65.4	71.4	72.2	72.8	74.0	73.1	73.2	74.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	74.1
≥ 7000 ≥ 6000	67.1	74.d 75.1	74.3	74.9		75.3 76.3	76.5	76.5	75.4	76.5	76.5	75.4 76.5	75.4 76.5		75.4	75.4 76.5
≥ 5000 ≥ 4500	69.J	77.1	77.4	78.1 80.3	78.4 80.6	78.4	78.5 80.8		78.5 80.8			78.5 80.8	78.5	78.5 80.8	78.5 80.8	78.5 80.8
2 4000 2 3500	71.5	80.2	82.5	81.2	81.5	82.5	81.6		81.6			81.6	82.6	81.6	81.6	81.6
2 1000	73.5 74.4	83.1	83.4	84.1	84.5	84.5	84.6		84.6	84.6		84.6	84.6	84.6	84.6	84.6
. 2000 2 900	75 • 1 75 • 6	87.1	88.0	88.8	89.2	89.2	91.2		89.4		89.4	89.4	89.4	89.4	89,4	89.4
≥ 1500	75.9 76.1			91.9	92.6	92.7	92.8	92.8		92.8	92.8	92.8	92.8	92.8	92.8	
2 000	76.1 76.5	91.4	92.7	93.8	94.4	94.5	94.8	94.8	94.8		94.9	94.9	94.9	94.9	94.9	94.9
2 800	76.5	92.2	93.7	94.7	95.4	95.7	96.5	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700 ≥ 600	76.6 76.6	92.7	94.5	95.7	96.1	96.1	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500 ≥ 400	76.6 76.6	92.7	94.8	96.1	96.8 96.8	97.1 97.1	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4		
≥ 300 ≥ 200	76.6 76.6	92.7	94.8	96 · 1	97.0 97.0	97.3	98.4	98.7		99.4	99.8	99.5	99.6	99.9	99.6	
≥ 100 ≥ 0	76.6 76.6	1	94.8	96.1 96.1					99.1 99.1		99.9			100.0		

TOTAL NUMBER OF OBSERVATIONS __

CEILING VERSUS VISIBILITY

13906

BERGSTROM AFB TX

69-70,73-80

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LIST.)

CER NG							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥%	≥%	≥ ٧:	≥ 5/16	≥ ¼	≥c
NO 1EIUNG ≥ 20000	52.2 56.2	1	57.5 62.3		58.1 62.8	58.1 62.8	58.2 62.9	58.2 62.9	58.2 62.9	58.3 63.0		58.3 63.0	58.3 63.0	58.3 63.0	58.3 63.7	58 • 3 63 • 5
≥ 18000 ≥ :6900	56.5 56.9		62.5		63.0 63.4	63.0	63.1 63.5	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000 ≥ 12000	57.8 59.7	63.3	63.9	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000 ≥ 9000	62.3	67.8	68.4		68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	62.6	68.3	68.7	69.2		69.4	69.4	69.4	69.4	69.5	69.6	69.5	69.5	69.5	69.5	69.6
≥ 7000 ≥ 6000	63.4	68.6	69.7	70.1	70.2	70.2	70.3	70.3	69.8 70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
± 5000 ± 4500	64.9	71.1 72.5	71.6	72.0	72.5	72.2	72.3		72.3 73.7		72.4 73.8	72.4	72.4	72.4	72.4	73.8
± 4000 ± 3500	65.9	72.7		73.7 74.2	73.8	73.8	73.9	73.9	73.9		74.0	74.0	74.0	74.5	74.5	74.5
≥ 3006 > 2500	67.8	74.1	74.7	75.2	75.3 78.4	75.3 78.4	75.4 78.5		75.4	75.5	75.5 78.6	75.5	75.5 78.6	75.5 78.6	75.5 78.6	75.5
2000	70.1	80.5	81.6	82.3	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800 ≥ 1500	71.0 72.3	92.5 95.6	83.5 86.8	84.2 87.4	87.6	87.6		84.6 88.0	84.6 88.0		84.7	84.7	84.7	84.7 88.1	84.7 88.1	84 • 3
2 1200 2 1000	73.2 73.9	87.7 89.0	89.1 90.5	89.8 91.2		90.1 91.6	90.6 92.3	90.8 92.4	90.8 92.4	90.9 92.5		90.9	90.9 92.5	90.9 92.5	90.9 92.5	93.9
2 900 2 800	74 . 3 74 . 3	89.8 90.5	91.3	91.9	92.4	92.4	93.0 94.0	93.1 94.1	93.1 94.1	93.2	93.2 94.2	93.2	93.2 94.2	93.2	93.2 94.2	93.
≥ 700 ≥ 600	74.3	90.6		93.1	93.7	93.9	94.6		94.8	94.9		94.9	94.9	94.9	94.9	94.9
≥ 500 ≥ 400	74.4	91.2		94.3	95.1	95.8	96.7	96.8	96.9	97.3 98.0	97.0	97.0	97.0		97.0 98.1	97.0
≥ 300 ≥ 200	74.4	91.3	93.8	94.9	96.1	96.9	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5 99.1	98.8
> 100	74.4		93.8	94.9	96.2	97.0	98.2	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.
2 0	74.4	91.3	93.8	94.9	96.2	97.0	98.2	98.6	98.9	99.2	99.4	77.4	99.4	99.5	99.5	100.

TOTAL NUMBER OF OBSERVATIONS ___

93:

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



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CEILING VERSUS VISIBILITY

17904 BERGSTROM AFB TX

69-70,73-80

MAR

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING							viS	BILITY STA	ATUTE MILI	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	42.6	46.8 52.5	47.1	47.5 53.3	47.6 53.5	47.7 53.5	47.8 53.6	47.8 53.6	47.8 53.6		47.8 53.7	47.8 53.7	47.8 53.7	47.8 53.7	47.8 53.7	47.8 53.7
≥ 18000	47.5	52.9	52.9 53.3	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
5 .9000	48.0	53.3	53.8	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6
> 14000	48.7	54.3	54.7	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ :2000	49.9	55.6	56.	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9
0000' ≤	51.6	57.7	58.1	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 9000	52.0	58.1	58.5	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 8000	52.3	58.7	59.1	59.6	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	52.9	59.4	59.9	60.3	60.6	63.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	53.7	60.3	60.8	61.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 5000	54.9	61.8	62.4	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
≥ 4500	56.1	63.5	64.1	64.6	64.8	64.9	65.0	65.0	65.€	65.1	65.1	65.1	65.1	65.1	65.1	65.1
± 4000	56.6	64.4	64.9	65.4	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 3500	57.4	65.8	66.3	66.9	67.2	67.2		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 3000	58.5	67.8	68.3	68.9	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 2500	59.8	70.8	71.5	72.2	72.4	72.5		72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
2 200 0	61.3	74.2	75.0	75.8	76.1	76.2	76.4		76 - 4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ '800	62.7	75.8	76.7	77.5	77.8	77.9		78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1500	63.Q	78.7	79.7	80.6	81.Q	81.2	81.4	81.4	81.5	81.5	81.5	<u>81.5</u>	81.6	81.6	81.6	31.6
≥ 1200	64.0	81.8	83.3	84.3	84.9	85.0	85.3		85.4	85.5	85.5	85	85.5	85.5	85.5	85.5
: →000	64.3	83.5	_85.1	86.3	86.9	87.2		87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 900	64.7	84.7	86.4	87.7	88.5	88.7	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 800	64.8	85.6	87.5	89.0	90.0	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 700	64.9	86.1	88.3	89.9	91.q	91.4		92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 600	65.0	86.5	89.0	90.7	92.0	92.5	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 500 ≥ 400	65.1	86.8	89.5	91.4	93.0	93.7	94.5	94.7	94.8	95.1	95-1	95.1	95.2	95.2	95.2	95.2
	65.1	87.0	89.8	91.9	93.8	94.5	95.6	96.0	96.3	96.7	96.7	96.8	70.8	96.8	96.9	96.9
≥ 300 ≥ 200	65.1	87.0	89.8	92.0	93.9	94.8	96.0	96.6 97.0	96.9		97.6	97.6	97.7 98.6	97.7	97.8	97.8
	65.1	87.Q	89.9	92.0	94 • Q	94.9	96.2		97.6		98.4	98.8	,,,,,	98.7	98.8	
≥ 100 ≥ 0	65.1	87.0	89.9	92.0	94.0	94.9	96.2		97.6		98.7	98.8	99.0			100.3
£ 0	65.1	87.0	89.9	92.0	94.0	79.9	96.2	71.0	71.0	76.3	75.1	70.6	77.0	77.2	77.5	

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



10.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.7904

BERGSTROM AFB TX

69-70,73-80

APR

ATION STATION NA

YEAT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY STA	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥2	≥1%	≥1%	≥ı	≥ ¾	≥ %	≥ ⊮:	≥ 5/16	≥ ¼	≥c
NO CEILING	41.1	43.9	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 20000	44.2	47.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.3	49.U
≥ 18000	44.2	47.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.3	49.0
≥ .9000	44.2	47.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9		48.9	48.9	49.0	49.0	49.0	49.0
≥ 14000	44.9	48.4	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
₹ .5000	45.6	49.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	56.9
≥ 10000	47.0	51.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6
≥ 9000	47.0	51.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6
≥ 8000	47.2	51.3	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 2000	48 - 1	52.3	53.6	53.8	53.8	53.8	53.8	53.8	53.B	53.8	53.8	53.8	53.9	53.9	53.9	53.9
6000 ج	48.6	52.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 5000	49.	53.8	55.	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 4500	49.7	54.6	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
± 4000	50.0	55.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 3500	50.4	56.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 3000	51.3	57.7	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6
≥ 2500	53.0	60.4	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6
₹ 2000	54.7	65.0	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3
≥ 900	55.6	66.9	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2
≥ 1500	57.6	72.2	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9
≥ 1200	59.4	79.8	81.8	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.5	83.0
≥ ,000	59.7	82.7	84.9	85.6	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4
≥ 900	60.6	85.7	88.1	88.8	89.2	89.3	89.4	89.4	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7
≥ 800	61.4	87.6	90.6	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2
≥ 700	61.0	87.8	91.0	91.8	92.6	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2
≥ 600	61.1	88.1	91.6	92.4	93.3	93.7	93.8	93.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1
≥ 500	61.1	88.7	92.4	93.9	95.0	95.3	95.6	95.6	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1
≥ 400	61.2	89.0	92.8	94.7	96.0	96.8	97.4	97.8	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 300	61.2	89.0	92.8	94.7	96.1	97.1	98.0	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	61.2	89.0	92.8	94.7	96.1	97.1	98.1	98.4	98.6	98.8	99.1	99.1	99.3	99.3	99.3	99.3
> 100	61.2	89.0	92.8	94.7	96.1	97.1	98.1	98.4	98.6	98.8	99.1	99.2	99.4	99.6	99.6	99.6
≥ 0	61.2	89.0	92.8	94.7	96.1	97.1	98.1	98.4	98.6	98.8	99.1	99.2	99.6	99.7	99.9	leo.n

TOTAL NUMBER OF OBSERVATIONS _

900

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL



-9.9

CEILING VERSUS VISIBILITY

1 ₹ 9 7 4

BERGSTROM AFB TX

69-70,73-80

APR

ATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6388-8588 Hours (Lis.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES			_			
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥%	≥ ∜:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	32.9 34.6	37.0 39.1	37.8 39.9		38.7 40.8		38.8 40.9	38.8 40.9	38.8 40.5		38.8 40.9	38.8 40.9	38.9 41.0	39.1 41.2	39.1 41.2	39.1 41.2
≥ 18000 ≥ 16000	34 • 6 34 • 6	39.1 39.1	39.9 39.9	40.6 40.6	40.8 40.8	40.8 40.8		40.9 40.9	40.9 40.9		40.9 40.9	40.9 40.9		41.2 41.2		
≥ 14000 ≥ 2000	34 • 8 35 • 2	39.6 43.4	40.3 41.3	41.0 42.0	41.2	42.2	42.3	41.3 42.3	41.3		41.3 42.3	41.3	42.4	41.7	41.7 42.7	41.7
≥ 10000 ≥ 9000	37.2 37.4	42.8	43.7	44.3	44.8	44.8	45.0	44.8	44.8 45.0	45.G	44.8 45.0	44.8 45.0		45.1 45.3	45.1 45.3	45.1
≥ 8000 ≥ 7000	38.2 38.6	43.7				46.2	46.4	46.0	46.4	46.4	46.0 46.4	46.0	46.6	46.8	46.3	46.3 46.r
≥ 6000 ≥ 5000	38.7 39.1	44.4	45.6	47.1	46.6		47.6				46.8 47.6	46.8	47.7	47.1 47.9	47.1 47.9	47.1
≥ 4500 ± 4000	40.6 40.9	47.6	48.4 48.8	49.6	49.4		50.0				49.7 50.0		50.1	50.0		50.3
≥ 3500 ≥ 3000	41.3	48.2 50.0		50.2 52.1	50.4	50.4 52.3		50.7		50.7 52.7	50.7 52.7	50.7	52.8	51.0 53.0	51.0 53.0	53.0
≥ 2500 ≥ 2900	44.4	57.2	54.4	55.3	55.7 60.2	55.8	56.0 60.6	56.0 60.6	56.1 60.7	56.1 60.7	56.1 60.7	56.1 60.7	56.2 60.8	56.4 61.3	56.4 61.3	56.4
≥ 1800 ≥ 1500	45.7 46.5	59.4 63.9	61.1 65.8 71.3	62.1 66.9	62.4 67.2 73.1	62.6 67.3 73.2	67.6	62.8 67.6	62.9 67.7 73.7	62.9 67.7 73.7	62.9 67.7	62.9	63.0 67.8 73.8	63.2 68.0 74.0	63.2 68.0 74.0	60
≥ 1200 ≥ 1000	47.8	72.6	74.8	76.2	76.8	76.9	77.1	77.2	77.3	77.3	77.3	77.3		77.7	17.7	77.7 21.6
≥ 900 ≥ 800 ≥ 700	49.1	78.6	81.4	83.9	84.4	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.6	85.6	85.6
≥ 500	49.2	80.8	84.3	87.4	88.3	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.4	89.4	89.4
≥ 400	49.3	82.1	86.3	90.4	93.4	93.3	94.4	94.8	95.3	95.7	95.7	95.7	95.9	96.1	96.1	96.1
≥ 200	49.3	82.1	86.6	90.8	93.6	94.1	95.9 95.9	96.8	97.3	97.7	97.7	97.7	97.9	98.3	98.3	98.6
2 0	49.3	82.1	86.6	9C.8	93.6									99.1		100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

17974

BERGSTROM AFB TX

69-70,73-80

APF

ION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0630-0890

CEILING							VI\$	BILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ v:	≥ 5/16	≥ ¼	≥0
NO CEIUNG	24.7	33.9	31.3	31.7	31.8	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3
≥ 20000	26.3	34.0	34.6	35.0	35 • 2	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	36.1
≥ 18000	26.3	34.0	34.6	35.0	35.2	35.6	35 • 8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	36.1
≥ ,9000	26.7	34.3	34.9	35.3	35.6	35.9	36.1	36.1	36 • 1	36.2	36.2	36.2	36.2	36.2	36.2	36.4
≥ '4000	27.0	34.8	35.3	35.8	36.0	36.3	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.9
≥ '2000	27.6		36.4	36.9	37.2	37.6	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	36.1
≥ 10000	28.2	36.3	37.1	37.7	38.2	38.6	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38 • 9	39.1
≥ 9000	28.4	36.7		38.0	38.6	38.9	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.4
≥ 8000	29.0	38.0	39.1	39.7	43.2	40.6	40.8	40.9	40.9	41.0	41.0	41.5	41.0	41.0	41.0	[41.2
≥ 7900	29.7	39.4	40.8	41.3	41.9	42.2	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.5
≥ 6000	29.8	43.2	41.6	42.1	42.7	43.0	43.2	43.3	43.3	43.4	43,4	43.4	43.4	43.4	43.4	43.7
≥ 5000	30.8	41.4	42.9	43.4	44.1	44.4	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 4500	31.9	43.0	44.6	45.1	46.0	46.3	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	47.0
≥ 4000	31.9	43.2	44.9	45.4	46.3		46.9	47.0	47.G	47.1	47.1	47.1	47.1	47.1	47.1	47.3
≥ 3500	32.4	44.3	46.7	46.6	47.7	48.1	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.8
≥ 3000	32.8	45.4		47.8		49.3	49.6	49.8	49.8	49.9	49.5	49.9	49.9	49.9	49.9	5C • 1
≥ 2500	33.8	48.3	50.3	51.2	1	52.8	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.7
2000	34.6	52.4	55.9	57.2	58.4	58.9	59.1	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.8
≥ 1800	34.9	53.7	57.6	59.1	60.3	60.8	61.1	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.8
≥ 1500	35.7	57.6		63.8	65.1	65.6	66.0		66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.8
≥ 1200	36.2	61.8	67.2		70.6	71.0	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.3
≥ .000	36.6	63.2	69.3	71.6		73.6	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	75 • 3
≥ 900	36.9	65.3	72.3	75.d	77.1	77.6	78.2		78.7	78.8	78.8	78.8	78.8	78.8	78.8	79.
≥ 800	37.3	66.3	74.3	77.6	80.0	80.9	81.8	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.5
≥ 700	37.3	67.0	75.4	79.6	82.9	84.0	85.0	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1
≥ 600	37.3	67.6	76.2	80.6	84.7	85.9	87.1	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 500	37.3	68.0	76.9	81.4	86.2	87.9	89.7	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 400	37.3	68.1	77.d	81.7	87.7	89.8	92.3	93.4	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.6
≥ 300	37.3	68.1	77.0	81.8	88.1	90.8	93.7	94.8	95.4	95.9	96.C	96.0	96.0	96.0	96.2	96.6
≥ 200	37.3	68.1	77.1	81.9	88.3	91.0	94.0	95.4	96.1	96.7	96.9	97.1	97.2	97.4	98.0	98.4
100 ج	37.3	68.2	77.2	82.0	88.4	91.1	94.1	95.6	96.4	97.0	97.2	97.4	97.7	97.9	99.1	99.7
≥ 0	37.3	68.2	77.2	82.0	88.4	91.1	94.1	95.6	96.4	97.0	97.2	97.4	97.7	97.9	99.1	toa.o

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



90

CEILING VERSUS VISIBILIT

1/3-14 BERGSTROM AFB TX

69-70,73-8F

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.900-110

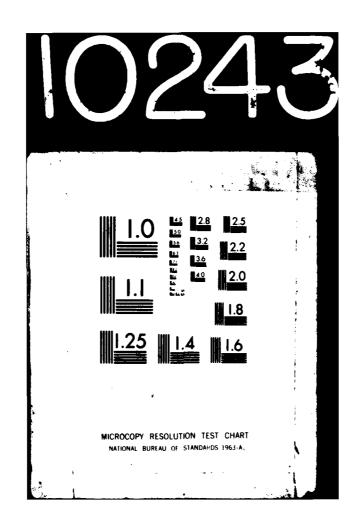
CEILING				_			viS	BILITY STA	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥ (%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ 4	≥0
NO TEILING ≥ 20000	31.9	37.0	37.	37.0	37.1	37.1 42.4	37.1 42.4	37 • 1 42 • 4	37 · 1 42 · 4		37.1 42.4	37.1 42.4	37.1 42.4	37.1 42.4	37.1 42.4	?7. 42.
≥ 18000	35.4 35.9	42.8		42.8	42.4	42.9	42.9	42.9				42.9		42.9	42.9	42.
≥ 18000	35.9	42.9		42.8	42.9	42.9	42.9	-		42.9		42.9			42.9	42.
≥ 14000	36.4	43.7	43.7	43.7	43.8	43.8	43.B	43.8			43.8	43.8	43.8	43.8	43.8	43.
≥ :2000	37.2	44.4	44.7	44.7	44.8	44.8	44.8		44.8		44.8	44.8	44.8	44.8	44.5	44.
> 19000	38.1	46.1		46.3	46.4	46.4	46.4				46.4	46.4	46.4	46.4	46.4	46.
≥ 9000	38.4	46.6		46.8		47.0	47.0					47.0			47.0	47.
≥ 8000	38.9	47.4		47.8		48.0						48.0			48.0	
≥ 7000	39.9	48.7		49.1	49.2	49.3	49.3	1 1	49.3							49
≥ 6000	40.4	50.1	50.6	50.6	50.7	50.8	50.8					50.8			50.8	50.
≥ 5000	40.9	51.4	52.	52.1	52.2	52.3	52.3	1 1	52.3			52.3				54.
≥ 4500	41.4	52.6		53.3	53.4	53.7	53.7	53.7	53.7		53.7	53.7	53.7	53.7	53.7	
± 4000	41.7	53.2	1	54.2		54.6	54.6		54.6		-	54.6	54.6	54.6		54.
≥ 3500	42.1	53.8		54.8	54.9	55.1	55.1	55.2	55.2		55.2	55.2		55.2	55.2	_
≥ 3000	43.0			56.8	1	57.1	57.1	57.2	57.2		-	57.2		57.2	57.2	57.
≥ 2500	44.7	61.2		62.8	62.9	63.1	63.1	63.2	63.2			63.2			63.2	
≥ 2000	46.2	66.3	68.1	68.3		68.9	68.9	69.0				69.3			69.0	69.
≥ 1800	46.9	69.0		71.3	71.7	71.9	71.9	72.0	72.0			72.3	72.0	72.0	72.0	72.
≥ +500	48.	73.7	76.7	77.2		77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.
≥ 1200	49.1	79.2	83.4	84.2	85.0	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.
≥ .000	49.2	81.3	86.1	87.1	88.3	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.
2 906	49.3	82.7	87.8	89.0	90.4	90.8	9 .1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.
≥ 800	49.3	83.d	88.3	89.8	91.8	92.1	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ 700	49.3	83.9	89.3	91.1	93.3	93.7	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.
≥ 600	49.3	84.2	89.7	91.4	94.1	94.7	95.4	95.7			95.8			95.8	95.8	95.
≥ 500	49.3	84.4	90.0	92.1	95.3	95.9	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.
≥ 400	49.3	84.4	90.0	92.2	95.8	96.6	98.0	98.6	98.6			98.9		99.0	99.7	99.
≥ 300	49.	84.4	90.0	92.2		96.6		98.8			99.2	99.2			94.6	
≥ 200	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8	98.9		99.3			99.9	99.9	99.
> 100	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8		1 1	1	-		99.9		
≥ 0	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8	98.9	99.2	99.3	99.4	99.6	99.9	99.9	ļ . •

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BERGSTROM AF8. AUSTIN. TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U)
USAFETAC/DS-81/088
S8I-AD-E850 126
NI AD-A110 243 UNCLASSIFIED SBI-AD-E850 126 NL 3115



1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1/974

BERGSTROM AFB TX

69-70,73-80

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.Y.)

CEILING		7					VIS	BILITY ST	ATUTE MIL	ES:	-					
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥11⁄4	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	41.8 47.2	46.4 53.8	46.4 53.9	46.4 53.9	46.4	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9	46.4 53.9
≥ 18000 ≥ 16000	47.7 47.8	54.2 54.3	54.3 54.4	54.3 54.4	54.3 54.4	54.3	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4	54.3 54.4
≥ 14000 ≥ :2000	48.0 49.3	54.9 56.4	55.0 56.6	55.0 56.6	55.0 56.6	55.0 56.6	55.D 56.6	55.0 56.6	55.0 56.6	55.D 56.6	55.0 56.6	55.D 56.6	55.D 56.6	55.0 56.6	55.0 56.6	55.0 56.6
≥ 10000 ≥ 9000	50.9 51.0	59.1 59.2	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3	59.2 59.3
≥ 8000 ≥ 7000	52.2 52.8	61.6	61.0	61.0 61.7	61.0 61.7	61.0 61.7	61.0 61.7	61.0 61.7	61.7	61.7	61.7	61.0	61.0	61.0	61.0 61.7	61.0 61.7
≥ 6000 ≥ 5000	53.9 54.3	63.0	63.1	63.1	63.1 64.9	63.1	63.1	63.1	63.1 64.9	64.9	63.1	63.1	63.1	63.1	64.9	63.1
≥ 4500 ≥ 4000	55.3 56.7	66.8	68.6	67.0 68.7	67.0	67.0	67.0	67.0	67.0 68.7	67.0	67.0	67.0	67.0	67.0	67.0	67.D 68.7
≥ 3500 ≥ 3000	58.1 60.4	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7 75.7	70.7	70.7	70.7 75.7	70.7	70.7	70.7	70.7
≥ 2500 ≥ 2000	61.7	79.9 85.7	80.1	80.2	80.3	80.3	86.8	80.3	80.3	80.3	80.3	80.3		8D.3 86.8		80.3
≥ 1800 ≥ 1500	63.8	86.9	90.1	87.9 90.4	90.6	90.6		90.7	90.7	90.7	90.7	90.7	90.7	90.7		90.7
≥ 1200	64 • 4 64 • 6	90.8	92.3 93.3	92.9 94.1	93.6 95.4 96.0	93.7 95.7 96.2	93.8 96.0	93.8 96.0 96.8	93.8	93.8 96.0 96.8	93.8 96.0 96.8	93.8 96.0 96.8	93.8 96.0 96.8	93.8 96.0 96.8	93.8 96.3 96.8	93.8 96.0
≥ 900 ≥ 800 ≥ 700	64.6	91.9	93.7	94.6	96.2	96.4	96.9	97.0	96.8 97.0		97.0	97.0		97.0	97.0	97.0
≥ 600	64.6	92.0 92.1	93.8	94.9	96.8	97.1	97.6	97.7	97.8	97.8	97.8 98.8	97.8	97.8	97.8	97.8	97.8 98.8
≥ 500 ≥ 400 ≥ 300	64.6	92.1	94.0	95.1	97.3	97.7	98.6	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200 ≥ 100	64.6	92.1	94.0	95 · 1	97.3	97.7	98.6	99.0	99.1	99.3	99.6	99.7	99.9	100.0		100.0
≥ 0	64.6	92.1	94.0	95.1	97.3	97.7		99.0	99.1	99.3	99.6	99.7			00.0	

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ODSOLE



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69-70,73-80

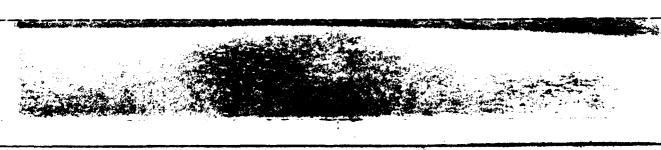
APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CERING							VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥5	≥4	≥ 3	≥ 2 ½	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ V⁄r	≥5/16	≥ ¼	≥0
NO CEILING	45.3	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	53.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	53.3	59.9	60.d	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	<u>53.3</u>	59.9	60.q	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	53.8	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	55.9	62.9	63.0	63.0	63.Q	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	57.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	57.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	58.6	67.q	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	59.0	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	60.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	62.4	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	64.8	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	65.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	67.0	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	68.1	84.4	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	68.8	88.1	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	69.8	90.7	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	69.9	91.1	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	70.1	92.2	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	70.3	92.9	94.0	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ ≀000	79.4	93.2	94.6	95.3	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 900	70.4	93.3	94.8	95.6	96.Q	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 800	70.4	93.4	95.1	96.d	96.4	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 700	70.4	93.4	95.1	96.4	96.9	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 600	70.4	93.6	95.4	96.6	97.1	97.1	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 500	70.4	93.7	95.4	96.8	97.4	97.4	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 400	70.4	93.7	95.6	96.8	97.4	97.6	98.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	00.0
≥ 200	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	00.0
≥ 100	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	
≥ 0	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69-70,73-80

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (S.S.T.)

CEILING					-		VIS	BILITY ST	ATUTE MILI	ES-				_		
(FEE ^T)	≥10	≥6	≥ 5	≥ 4	≥3	≥21/2	≥?	31%	≥1%	≥1	≥%	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	50 • 8 57 • 9	54.6	54.7	54.7 64.7	54.7 64.7	54.7	54.7	54.7 64.7	54.7 64.7	54.8 64.8	54.9 64.9	54.9 64.9	54.9 64.9	54.9 64.9	54.9 64.9	54.9 64.9
≥ 18000 ≥ 16000	57.9 58.2	64.6	64.7	64.7 65.0	64.7 65.0	64.7	64.7 65.0	64.7 65.0	64.7 65.0	64.8 65.1	64.9	64.9 65.2	64.9 65.2	64.9 65.2	64.9 65.2	64.9
≥ 14000 ≥ 12000	58 • 6 59 • 4	65.9	66.0	66.0	66.0 67.6	66.0 67.6	66.0		66.D	66.1 67.7	66.2 67.8	66.2	66.2 67.8	66.2	66.2 67.8	66.2 67.8
≥ 10000 ≥ 9000	61.4	70.0	70.1 70.7	70 • 1 70 • 7	70.1 70.7	70.1 70.7	70.1 70.7	70.1 70.7	70.1 70.7	70.2 70.8	70.3 70.9	70.3	70.3 70.9	70.3 70.9	70.3 70.9	70.3 70.9
≥ 8000 ≥ 7000	63.1 64.0	72.6	72.8 74.4	72.9 74.6	72.9 74.6	72.9 74.6	72.9 74.6	72.9 74.6	72.9 74.6	73.0 74.7	73.1 74.8	73.1 74.8	73.1 74.8	73.1 74.8	73.1 74.8	73.1 74.8
≥ 6000 ≥ 5000	65.6 67.3	76.0 78.6	76•2 78•8	76.3 78.9	76.3 78.9	76.3 78.9	76.3 78.9	76.3 78.9	76.3 78.9	76.4 79.0	76.6 79.1	76.6 79.1	76.6 79.1	76.6 79.1	76.6 79.1	76.6 79.1
≥ 4500 ≥ 4000	68.9 69.3	81.6	82.1 83.3	82.2 83.4	82.2 83.4	82.2 83.4	82·2 83·4	82.2 83.4	82.2 83.4	82.3 83.6	82.4 83.7	82.4 83.7	82.4 83.7	82.4 83.7	82.4 83.7	82.4 83.7
≥ 3500 ≥ 3000	70.3 71.0	85.1 86.8	85.7 87.4	85.9 87.7	86.D 87.8	86.0 87.8	86.0 87.8	86.0 87.8	86.0 87.8	86.1 87.9	86 • 2 88 • D	86.2 88.0	86.2 88.0	86.2 88.0	86.2 88.0	86.2 88.0
≥ 2500 ≥ 2000	71.6 72.3	88.7 90.6	89.6 91.6	89.9	90.0 92.0	90.0 92.0	90.0 92.0		90.0 92.0	90.1 92.1	90.2 92.2	90.2 92.2	90.2 92.2	90.2 92.2	90.2 92.2	90.2
≥ 1800 ≥ 1500	72.4 72.8	90.8 92.2	91.8 93.3	92.1 93.7	92.2 93.8	92.2 93.9	92.2 93.9		92.2 93.9	92.3 94.0	92.4 94.1	92.4 94.1	92.4 94.1	92.4 94.1	92.4 94.1	92.4
≥ 1200 ≥ 1000	72.8 72.9	93.1 94.1	94.9 95.9	95.4 96.6	95.7 96.8	95.8	95.8 96.9	95.8 96.9	95.8 96.9	95.9 97.0	96.0 97.1	96.0 97.1	96.0 97.1	96.0 97.1	96.0 97.1	96.D 97.1
≥ 900 ≥ 800	72.9	94.6	96.4 96.8	97.2 97.6	97.4 98.0	97.6 98.1	97.6 98.1	98.1	97.6 98.1	97.7 98.2	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3
≥ 700 ≥ 600	72.9 72.9	94.7	96.9	97.7 97.7	98.2 98.3	98.3 98.4	98.4 98.7	98.4 98.7	98.4 98.7	98.6 98.8	98.7	98.7	98.7 99.0	98.7 99.0	98.7 99.0	98.7 99.0
≥ 500 ≥ 400	72.9 72.9	94.7	97.0 97.0	97.9	98.7 98.8	98.8	99.0	99.1	99.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300 ≥ 200	72.9 72.9	94.7	97.0 97.0	97.9 97.9	98.8 98.8	98.9	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	72.9 72.9	94.7	97.0 97.0	97.9 97.9	98.8 98.8	98.9 98.9	99.1	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS .



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

APP

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

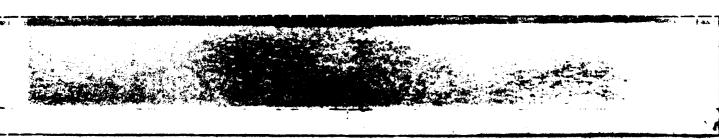
2100-2300

CEILING			_				VIS	BILITY ST	ATUTE MIL	ES.						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥21⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	51.2 55.2	54.7 59.9	55.0 60.2	55.0 60.2		-	55.1 60.3	55.1 60.3	55.2 60.4		55.3 60.6	55.3 60.6	55.3 60.6	55.3 60.6	55.3 60.6	
≥ 18000 ≥ 16000	5 5 • 2	59.9 59.9	60.2 60.2	60.2 60.2	60.3			60.3 60.3	60.4 60.4	6D.4	60.6 60.6	60.6 60.6	60.6 60.6	60.6	60.6 60.6	60.6 60.6
≥ 14000 ≥ 12000	56.3 56.7	62.1	61.8	61.8 62.4	61.9 62.6	61.9 62.6	61.9 62.6	61.9 62.6	62.0 62.7	62.0 62.7	62.1 62.8	62.1 62.8	62.1 62.8	62.1 62.8	62.1	62.1 62.8
≥ 10000 ≥ 9000	58.4 58.7	64.2	64.6	64.5	64.4	64.4	64.4	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000 ≥ 7000	59.3	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000 ≥ 5000	62.4	67.7	69.4	68.0 69.4	69.6	68.1	68.1	68.1	68.2	68.2	68.3	69.8	69.8	68.3	68.3	68.3
≥ 4500 ≥ 4000	63.8	71.4	72.1	72.0 73.2	72.1	72.1	72.1 73.3		72.2	72.2	72.3	72.3	72.3	72.3 73.6 75.7	72.3 73.6 75.7	72.3 73.6 75.7
≥ 3500 ≥ 3000	65.3	74.8 76.7 78.6	75.3 77.2 79.1	75.3 77.2	75.4 77.3	75.4 77.3	75.4 77.3	75.4 77.3 79.2	75.6 77.4 79.3	75.6 77.4 79.3	75.7 77.6 79.4	75.7 77.6	75.7 77.6 79.4	77.6	77.6	77.6
≥ 2500 ≥ 2000 ≥ 1800	69.8	82.3	82.9	82.9	83.Q 85.Q	83.0	83.0 85.0	83.0 85.0	83.1 85.1	83.1 85.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	72.1	88.0	88.9	89.0 92.6	89.1 92.8	89.1	89.1	89.1	89.2	89.2	89.3 93.0	89.3	89.3	89.3	89.3	
≥ 1000	72.9	92.0	93.1	93.4	93.7		93.7	93.7	93.8	93.8	93.9 95.0	93.9	93.9	93.9	93.9	
≥ 800	73.3	93.9	95.4	95.4	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	73.4	94.2	95.7	96.3	97.2	97.3	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	73.6 73.6	94.2	95.9 95.9	96.8	98.1	98.4	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	73.6 73.6	94.2	95.9	96.8	98.1 98.1	98.4	98.8	99.0	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	73.6	94.2	95.9	96.8	98.1	98.4	98.6	99.0	99.2	99.3	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

APR

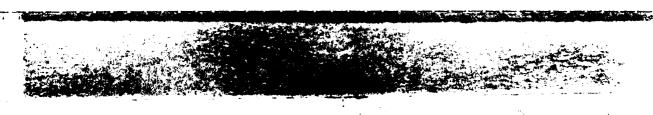
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING		_					VIS	BILITY ST	ATUTE MIL	E S						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥21⁄.	≥ 2	≥1%	≥1¼	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING	39.9	44.3	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.1
≥ 20000	44.3	50.1	50.5	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
≥ 18000	44.4	50.2	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.C	51.0	51.1	51.1	51.1	51.1
≥ 16000	44.5	50.3	50.7	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 14000	45.0	51.2	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ :2000	45.9	52.3	52.8	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 10000	47.3	54.2	54.7	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3
≥ 9000	47.5	54.5	55.0	55.2	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6
≥ 8000	48.3	55.8	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	49.Q	56.7	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0
≥ 6000	49.8	57.9	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2
≥ 5000	50.8	59.6	60.2	60.4	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 4500	52.0	61.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 4000	52.6	62.8	63.6	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 3500	53.4	64.4	65.2	65.5	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 3000	54.5	66.5	67.4	67.7	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 2500	55.6	69.8	70.8	71.2	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 2000	56.9	73.8	75.2	75.7	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 1800	57.4	75.3	76.8	77.3	77.6	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1500	58.4	78.6	80.5	81.1	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 1200	59.0	82.3	84.7	85.5	86.0	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6
≥ 1000	59.2	83.8	86.5	87.5	88.2	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 900	59.5	85.3	88.2	89.3	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 800	59.8	86.2	89.4	90.8	91.8	92.1	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	59.8	86.6	90.0	91.6	93.0	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 600	59.8	86.9	90.4	92.2	93.7	94.1	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 500	59.8	87.1	95.9	92.9	94.8	95.2	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6
≥ 400	59.8	87.3	91.1	93.2	95.5	96.1	97.2	97.6	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.3
≥ 300	59.8	87.3	91.1	93.3	95.7	96.4	97.5	98.0	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 200	59.8	87.3	91.1	93.3	95.7	96.4	97.7	98.2	98.5	98.8	99.0	99.1	99.2	99.3	99.4	99.5
≥ 100	59.8	87.3	91.1	93.3	95.7	96.4	97.7	98.3	98.6	98.9	99.1	99.2	99.3	99.5	99.7	99.8
≥ 0	59.8	87.3	91.1	93.3	95.7	96.4		98.3			99.1	99.2	99.4	99.5	99.8	00.0

TOTAL NUMBER OF OBSERVATIONS ______ 7200

LISAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

YAM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L.S.T.)

CEILING							VIS	IBILITY -ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ ₩	≥ 5/16	≥ ¼	≥0
NO CEILING	43.0	51.6	52.4	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	45.3	55.6	56.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	45.4	55.7	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	45.5	55.8	56.6	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	46.0	56.3	57.1	57.7	57.8			57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	47.1	57.4	58.2	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	48.3	59.0	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	48.6	59.5	60.2	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	48.7	59.6	60.3	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 7000	49.5	60.4	61.2	61.8	61.	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	49.9	60.9	61.6	62.3	62.4			62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	50.6	61.7	62.5	63.1	63.2			63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	51.3	62.7	63.4	64.1	64.2		64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4000	51.5	63.4	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500	52.0	64.2	64.9	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	52.9	65.7	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2500	54.2	68.2	68.9	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	55.4	71.7	72.7	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
≥ 1800	55.8	73.2	74.2	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 1500	58.7	77.7	78.8	79.7	80.d	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2
≥ 1200	61.6	83.4	85.1	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5
≥ 1000	63.1	86.7	88.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1
≥ 900	64.0	88.2	90.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	92.0	92.0	92.0	92.0
≥ 800	64.7	90.1	92.6	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.4	94.4	94.4	94.4
≥ 700	64.8	90.6	93.5	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.7	95.7	95.7	95.7
≥ 600	65.2	91.3	94.2	95.3	96.d	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 500	65.3	91.9	95.2	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6
≥ 400	65.4	92.2	95.5	97.1	98.0	98.Q	98.1	98.2	98.2	98.2	98.4	98.4	98.7	98.7	98.7	98.7
≥ 300	65.4	92.4	95.7	97.3	98.2	98.3	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6
≥ 200	65.4	92.5	95.8	97.4	98.3	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.8	99.8	99.8	99.8
≥ 100	65.4	92.5	95.8	97.4	98.3	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.8	99.8	99.8	99.8
≥ 0	65.4	92.5	95.8	97.4	98.3	98.4	98.7	98.9	98.9		99.5	99.5	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS _

930

USAF ETAC JUL 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSIGLE



CEILING VERSUS VISIBILITY

13974

BERGSTROM AFB TX

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

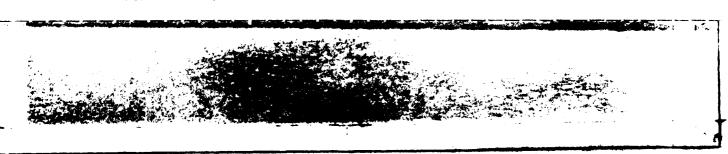
2300-0500

CEILING							VIS	BILITY ST	ATUTE MIL	ES-		<u>-</u>				
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	28.9 30.1	34.1 35.8	35.2 37.1	36.5 38.4	37·1 39·1	37.1 39.1	37.4 39.5	37.4 39.5	37.5 39.6	37.5 39.6	37.5 39.6	37.5 39.6	37.5 39.6	37.5 39.6	37.5 39.7	37.5 39.7
≥ 18000 ≥ 16000	30.2 30.2	36.0 36.0	37.3 37.3	38.6 38.6	39.4 39.4	39.4 39.4	39.7 39.7	39.7 39.7	39.8 39.8	39.8 39.8	39.8 39.8	39.8 39.8	39.8 39.8	39.8 39.8	39.9 39.9	39.9 39.9
≥ 14000 ≥ 12000	30.5 31.2	36.3 37.3	37.6 38.6	38.9 39.9	39.7 40.6	39.7 40.6	40.0	40.0	40.1	40.1	40 • 1 41 • 1	40.1	40.1 41.1	40.1 41.1	40.2 41.2	40.2
≥ 10000 ≥ 9000	32.5 33.0	38.9 39.5	40.3	41.6 42.2	42.4	42.4	42.8 43.3	42.8	42.9 43.4	42.9 43.4	42.9 43.4	42.9 43.4	43.0 43.5	43.0 43.5	43.1 43.7	43.1 43.7
≥ 8000 ≥ 7000	33.2 33.7	39.9 40.9	41.3	42.6 43.5	43.3	43.3	43.8	43.8	43.9	43.9	43.9 44.8	43.9 44.8	44.0	44.9	44.1 45.1	44.1 45.1
≥ 6000 ≥ 5000	33.9 34.2	41.1 41.6	42.5 43.0	43.8	44.5	44.5 45.1	44.9 45.5	44.9	45.1	45.1 45.6	45.1 45.6	45.1 45.6	45.2 45.7	45.2 45.7	45.3 45.8	45.3
≥ 4500 ≥ 4000	34.7	42.4	43.9	45.2	45.9	45.9	46.3	46.3	46.5	46.5	46.5	46.5	46.6	46.6	46.7	46.7
≥ 3500 ≥ 3000	36.2	44.9	46.5	48.8	48.5	48.5	48.9 50.0	48.9 50.0	49.0 50.1	49.0 50.1	49.0 50.1	50.1	49.1 50.2	49.1 50.2	50.3	49.2 50.3
≥ 2500 ≥ 2000	38.1	53.3	51.1 55.1	56.3	53.2 57.2	53.2 57.2	53.8 57.7	57.7	53.9 57.8	53.9 57.8	53.9 57.8	53.9 57.8	54.0 58.0	54.0 58.0	54.1 58.1	54.1 58.1
≥ 1800 ≥ 1500	39.7 41.4	58.9	56.8 60.8	58 · 1 62 · 2	59.0 63.1	59.0 63.1	59.6 63.7 72.4	59.6 63.7	59.7 63.8 72.5	59.7 63.8 72.5	59.7 63.8	59.7 63.8	59.8 63.9	59.8 63.9 72.7	59.9 64.0 72.8	64.B 72.8
≥ 1200 ≥ 1000 ≥ 900	47.4	72.6	74.8	76 • 5 79 • 8	77.4	77.4	72.4 78.0	78.0	78.2 81.6	78.2 81.6	78.3	78.3	78.4	78.4	78.5	78.5
≥ 800	49.8	78.0	81.4	84.0	85.2	85.2	85.8	85.8	86.1	86.1	86.2	86.2	86.3	86.3	86.5	86.5
≥ 600	51.0	81.7	85.4	88.6	89.9	90.1	90.8	90.8	91.1	91.1	91.2	91.2	91.3	91.3	91.4	91.4
≥ 400	51.4	84.5	88.5	92.5 93.0	94.2	94.5	95.6	95.9	96.3	96.3	96.6	96.6	96.7	96.8	96.9	96.9 98.0
≥ 200	51.4 51.4	84.8	88.9	93.Q	94.7	95.1	96.5	97.1	97.5	97.6	98.2	98.3	98.4	98.5	98.7	98.7 99.5
≥ 0	51.4	84.8	88.9	93.0	94.7	95.1	96.5	97.2	97.6	98.0	98.5	98.6	98.8	98.9	99.4	CD.G

TOTAL NUMBER OF OBSERVATIONS __

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

MAY

TATION STATION I

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

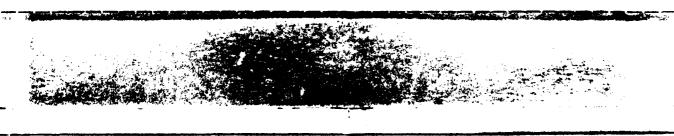
0600-0800 Hours (L.E.T.)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES-	_			_	-	
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥21⁄.	≥ 2	≥1%	≥11/2	≥1	≥ ¾	≥ %	≥ ¼	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	19.0	26.3 28.4			31.0 33.7				32.3 34.9			32.4 35.1	32.6 35.4	32.6 35.4	32.7 35.5	
≥ 18000 ≥ 16000	20.0			32.8 32.8			34 • 5 34 • 5		34.9 34.9			35 • 1 35 • 1	35.4 35.4	35.4 35.4	35.5 35.5	
≥ 14000 ≥ 12000	20.3	29.1 29.9		33.5 34.4								35.8 36.7	36.1 37.0	36.1 37.0	36.2 37.1	36.3 37.2
≥ 10000 ≥ 9000	22.3	32.3 32.5	35.4 35.6				38.7 38.9		39.1 39.4		I I I I I	39.2 39.5	39.6 39.8	39.6 39.8	39.7 39.9	39.8 40.0
≥ 8000 ≥ 7000	23.0	33.7 34.5	37.1 38.0	38 • 7 39 • 6		39.8 48.6			40.9			41.0 41.8	7 7 2		41.4 42.3	41.5
≥ 6000 ≥ 5000	23.8		38.5 39.0				42.0 42.6	42.4 42.9		42.6 43.1		42.6 43.1	42.9 43.4	42.9 43.4	43.0 43.5	43.1 43.7
≥ 4500 ≥ 4000	24.2						43.4		43.9 44.7				44.3	44.3 45.2	44.4	44.5 45.4
≥ 3500 ≥ 3000	24.9	37.5 38.1	41.6 42.6	45.1				47.2		47.4		46.1	46.5	46.5	46.6 47.8	46.7 48.0
≥ 2500 ≥ 2000	25.7 26.6		47.6 52.3	54.9	56.2		57.5	58.1	58.2	58.3	58.3	58.3	58.6	53.3 58.6	53.4 58.7	53.5 58.8
≥ 1800 ≥ 1500	27.0 28.3	52.0	58.5			64.2		65.6		65.8	65.8			60.4	60.5	
≥ 1200 ≥ 1000	29.6 30.2	60.0	68.0		70.1 74.5			77.4	77.6	78.1	78.2	78.2	78.5			73.5
≥ 900 ≥ 800	30.4		73.0	78.3	80.8		79.7 83.3	84.4	84.6	85.2	85.3			81.7 85.6	81.8	81.9
≥ 700 ≥ 600	30.8 30.8	64.3	74.1	79.8 80.6				88.3	88.5	89.1	89.2			87.7	87.8	89.8
≥ 500 ≥ 400	30.8	64.9		82.9	85.5	88.8	89.2 91.0	92.8	93.2		94.4	94.4	92.2	94.7	92.3	92.4
≥ 300	30.8	65.1	76.1 76.1	83.0	87.6	89.9	92.8	94.9	95.6	96.6	97.3	97.3	96.1 97.6	97.8		
≥ 100 ≥ 0	30.8		76.1		87.6	89.9	92.8 92.8				97.5				99.4	99.7 LUG.C

TOTAL NUMBER OF OBSERVATIONS __

93

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GOSOLETE



CEILING VERSUS VISIBILITY

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13974

BERGSTROM AFB TX

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	28 • 1 30 • 5	36.2 39.8	36.5 40.0	36.7 40.2	36 · 8	36.8	36 · 8	36.8 40.3	36.8 40.3	36.8 40.3	36.8 40.3	36.8 40.3	36.8 40.3	36.8 40.3	36.8 40.3	36.8 40.3
≥ 18000	30.5	39.8		40.2	40.3		40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	-
≥ 16000	30.9	40.1	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 14000	31.3	40.9	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ ;2006	32.0	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000	34.6	46.2	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 9000	34.6	46.2	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 8000	35.6	48.0	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 7000	36.2	48.6	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000	36.9	49.5	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 5000	37.4	50.2	50.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	38.1	51.5	52.2	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4000	38.6	52.4	53. 0	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3500	39.8	54.9	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3000	40.6	57.4	58.1	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	44.1	66.3	67.5	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000	46.5	73.2		75.5	76.2	76.2		76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	47.2	76.1	78.0	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	48.3	81.1	83.5	84.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	49.0	85.5	88.4	90.3	91.5			91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	49.6	87.3	90.3	92.5	93.7	93.8	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	49.6	88.1	91.2	93.4	94.6	94.7	94.7	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	49.7	88.5	92.0	94.3	95.5	95.6	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	
≥ 700	49.8	89.0	92.7	94.9	96.2	96.3	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
	49.8	89.6	93.4	95.7	97.1	97.2	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500 ≥ 400	49.8	89.7	93.5	96.1	97.6	97.7	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
	49.9	89.9	94.0	96.6	98.2	98.3	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300 ≥ 200	49.9	89.9	94.1	96.7	98.3	98.4	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
	49.9	89.9	94.1	96.7	98.3	98.4	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	49.9	89.9	94.1	96.7	98.3	98.4	98.7	99.4		99.8			100.0			00.0
لـــــــــــا	49.9	89.9	94.1	96.7	98.3	98.4	98.7	99.4	99.4	77.8	100.0	100.0	T (10 + (1)	100.0	100.0	0 0 • 0

TOTAL NUMBER OF OBSERVATIONS ___

936

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



d.

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

YAP

TATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

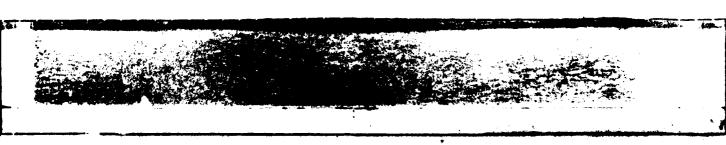
1200-1400 HOURS (LIS.T.)

CEILING							VIS	BILITY ST	ATUTE MILI	ES-						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥2½	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %	≥5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	37.1	46.8 53.0	46.9	46.9 53.2	47.0 53.3	47.0 53.3	47.0 53.3	47.0	47.0 53.3	47.0 53.3	47.0 53.3	47.0 53.3	47.0 53.3	47.0 53.3	47.0 53.3	47.0
≥ 18000 ≥ 16000	42.4	53.1	53.2 53.7	53.3 53.8	53.4	53.4	53.4	53.4 53.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4 53.9	53.4
≥ 14000 ≥ 12000	43.7	54.4	54.5	54.6	54.7	54.7	54.7 57.0	54.7	54.7 57.0	54.7 57.0	54.7	54.7 57.0	54.7 57.0	54.7 57.0	54.7 57.0	54.
≥ 10000 ≥ 9000	45.7	59.0	59.1	56.9	57.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.
≥ 8000 ≥ 7000	48.6	61.1	61.2	61.4	59.5 61.5	59.5	61.5	59.5 61.5	59.5 61.5	59.5 61.5	61.5	61.5	61.5	59.5 61.5	61.5	59. 61.
≥ 6000 ≥ 5000	49.5 51.0	63.5	63.7	63.9	64.0	62.4 64.0	64.0	64.0	62.4 64.D	62.4	62.4 64.D	64.0	64.0	64.0	64.0	64.
≥ 4500	54.4	64.9	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.
≥ 4000 ≥ 3500	56 • 1 59 • 4	72.0	72.5	72.8 78.6	73.1	73.1 78.9	73.1	78.9	73.1 78.9	73.1 78.9	73.1 78.9	73.1	73.1	73.1 78.9	73.1 78.9	73.
≥ 3000 ≥ 2500	64.4	83.9	89.5	85.3 90.1	85.7 90.6	90.8	85.7 90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.
≥ 1800	65.8	91.7	93.1	93.9	94.5	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8 95.9	94.
≥ 1500	66.2	93.1	94.8	95.9 97.1	96.7	96.9	96.9	96.9	96.9	97.0 98.5	97.0 98.5	97.0 98.5	97.0	97.0	97.0 98.5	97.
≥ i000 ≥ 900	66.2	94.4	96.0	97.2	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.
≥ 800	66.2	94.4	96.1	97.5	98.6	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.
≥ 600	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.
≥ 400	66.2	94.4	96.2	97.5 97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	00.0	00.0	00.
≥ 200	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	00.0	00.0	.00
≥ 100 ≥ 0	66.2	94.4	96.2	97.5	98.0	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0			

TOTAL NUMBER OF OBSERVATIONS ____

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GOSGLET



CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

69-70,73-80

YAM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.Y.)

CEILING							VI\$	BILITY ST	ATUTE MILI	ES	_					
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥%:	≥ 5/16	≥ ¼	≥c
NO CEILING ≥ 20000	46.9 53.0	55.8 63.2	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3	55.9 63.3
≥ 18000 ≥ 16000	53.4 53.5	63.7 63.8	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9	63.8 63.9
≥ 14000 ≥ 12000	53.7 54.0	63.9 64.4	64.0 64.5	64.0 64.5	64.0 64.5	64.0 64.5	64.0 64.5	64.0 64.5	64.8 64.5	64.0 64.5	64.0 64.5	64.0 64.5	64.0 64.5	64.0 64.5	64.5	64.5
≥ 9000 ≥ 9000	57.2 57.8	68.7 69.5	69.0 69.8	69.0 69.8	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2	69.1 70.2
≥ 8000 ≥ 7000	59.4 60.0	71.6	71.9	71.9	72.4 73.1	72.4 73.1	72.4 73.1	72.4 73.1	72.4 73.1	72.4 73.1	72.4 73.1	72.4	72.4 73.1	72.4 73.1	72.4	72.4
≥ 6000 ≥ 5000	60.6 61.5	73.2	73.5 75.3	73.7 75.4	74.1 75.8	74 • 1 75 • 8	74.1 75.8	74 • 1 75 • 8	74 • 1 75 • 8	74 • 1 75 • 8	74.1	74.1	74.1 75.8	74 • 1 75 • 8	74.1 75.8	74.1
≥ 4500 ≥ 4000	65.7	80.1 82.6	80.5	80.8	81.3	81.3	81.3 84.3	81.3	81.3	81.3 84.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500 ≥ 3000	67.7 69.0	90.6	86.6 91.4	87.1 92.0	87.7 92.9	87.8 93.2	87.8 93.3	87.8 93.3	87.8 93.3	87.8 93.3	87.8 93.3	87.8 93.3	87.8 93.3	87.8 93.3	87.8 93.3	93.3
≥ 2500 ≥ 2000	69.6	92.4	93.1	93.9	94.8	95.2 96.1	95.3 96.2	95.3	95.3	95.3 96.2	95.3	95.3	95.3 96.2	95.3	95.3	95.3
≥ 1800 ≥ 1500	70.0 70.5	93.7	94.4	95.2	96.1	96.5	96.6	96.6	96.6		96.6	96.6	96.6	96.7 98.0	96.7	96.7
≥ 1200	70.8 70.8	95.6 95.6	96.8	97.7	98.9	99.4		99.5	99.5	99.6	99.5 99.6	99.5	99.5	99.6	99.6	99.6
≥ 900 ≥ 800	70.8	95.6 95.6	96.8	97.7 97.7	99.0 99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700 ≥ 600	70.8 70.8	95.6 95.6	96.8	97.7	99.0	99.4	99.6	99.6 99.6	99.6 99.8	99.8	99.8	99.8	99.6	99.7	99.7	99.7
≥ 500 ≥ 400 ≥ 300	70.8	95.6	96.8 96.8	97.7	99.0	99.4		99.6	99.8		99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	70 • 8 70 • 8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	70.8	95.6		97.7	99.0							99.8		100.0		

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET



93

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69-70,73-86

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1850-2000

CEILING							VI\$	IBILITY ST	ATUTE MILI	E S						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥3	≥21⁄.	≥2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ٧:	≥ 5/16	≥ ′4	≥c
NO CEILING	51.6	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	58.9	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.
≥ 18000	59.1	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.
≥ 16000	59.1	68.6	68.7	69. Ú	69.0	69.0	69.0	69.0	69.C	69.0	69.0	69.0	69.0	69.0	69.0	69.
≥ 14000	59.9	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.
≥ ;2000	61.1	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.
≥ 10000	64.9	75.4	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.
≥ 9000	65.3	76.0	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.
≥ 8000	66.5	77.8	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.
≥ 7000	67.4	78.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.
≥ 6000	67.7	79.8	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	60.8	80.8	80.
≥ 5000	69.2	82.3	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.
≥ 4500	71.6	86.7	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ 4000	72.2	88.0	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.
≥ 3500	73.4	89.8	91.	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.
≥ 3000	74.5	91.7	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
≥ 2500	75.2	92.7	94.6	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.
≥ 2000	75.4	93.4	95.4	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.
≥ 1800	75.5	93.5	95.5	96.2	96.6	96.8	97.0	97.0	97.C	97.0	97.0	97.0	97.0	97.0	97.0	97.
≥ 1500	75.5	94.1	96.0	96.9	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.
≥ 1200	75.7	94.4	96.8	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.
≥ 1000	75.8	94.7	97.1	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.
≥ 900	75.8	94.8	97.2	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.
≥ 800	75.8	94.8	97.2	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.
≥ 700	75.8	94.8	97.2	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.
≥ 600	75.8	94.8	97.3	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.
≥ 500	75.8	94.8	97.3	98.2	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.
≥ 400	75.8	94.8	97.4	98.4	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.
≥ 300	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.
≥ 200	75.8	94.8	97.4	98.4	98.6	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.
> 100	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.
≥ 0	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	0

TOTAL NUMBER OF OBSERVATIONS 930

JUL 44 0-14-5 (OL A) PREVIOUS EDITIO



CEILING VERSUS VISIBILITY

13974

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BERGSTROM AFB TX

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 10-2306

VISIBILITY STATUTE MILES IFEE" ≥2% ≥1% ≥ 5/16 NO CEILING > 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ :2000 ≥ 10000 ≥ 9000 ≥ 8000 > 7000 6000 > 5000 ≥ 4500 400C 3500 3000 ≥ 2500 ≥ 2000 1800 ≥ 1500 ≥ 1200 ≥ 1000 900 700 600 78.4 500 400 > 200 100 ≥ 78.4

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY ST	ATUTE MILI	ES-						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1 1⁄4	≥1	≥ ¾	≥%	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	39.2	46.8	47.5	47.9	48.1	48.2	48.3	48.3		48.4	48.4	48.4	48.4	48.4	48.4	48.4
	43.0	51.8	52.6	53.1	53.4		53.5	53.5		53.6	53.6	53.6	53.6	53.6	53.7	53.7
≥ 18000	43.1	52.0		53.3	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
	43.2	52.1	52.9	53.4	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 14000	43.7	52.7	53.5	54.0	54.3	1	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
	44.7	54.0	54.8	55.3	55.5		55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	46.8	56.7	57.7	58.2	58.5		58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 9000	47.1	57.1	58.1	58.6	58.9		59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	
≥ 8000	47.8	58.3	59.3	59.9	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
≥ 7000	48.5	59.2	60.2	60.8	61.0	61.1	61.2	61.3	61.3		61.3	61.3	61.3	61.3	61.4	61.4
≥ 6000	49.1	59.9		61.5	61.8	61.8	62.0	62.0	62.0	62.1	62 • 1	62.1	62.1	62.1	62.1	62.2
≥ 5000	49.8	61.2	62.2	62.8	63.1	63.2		63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
≥ 4500	51.2	63.6	64.8	65.4	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66-1	66.1
≥ 4000	51.9	65.1	66.3	67.0	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 3500	53.4	67.2	68.5	69.3	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 3000	54.3	69.8	71.3	72.1	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 2500	55.7	73.3	75.1	76.0	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 2000	56.6	76.5	78.4	79.4	80.1	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7	87.7	80.7
≥ 1800	57.1	77.7	79.7	80.8	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 1500	58.1	80.4	82.6	83.9	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1200	59.4	83.9	86.5	87.9	88.8	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7
≥ ;000	60.1	85.8	88.5	90.1	91.0	91.3	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.1	92.1
≥ 900	60.4	86.6	89.6	91.3	92.3	92.5	92.8	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.4
≥ 800	60.8	87.6	90.8	92.7	93.8	94.0	94.4	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 700	60.9	88.1	91.5	93.5	94.6	94.9	95.3	95.5	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 600	61.0	88.5	92.0	94. C	95.3	95.6	96.0	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.7	96.7
≥ 500	61.0	88.9	92.4	94.7	96.0	96.5	96.9	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥ 400	61.1	89.0	92.8	95.2	96.6		97.6	97.9	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 300	61.1	89.1	92.9	95.3	96.7	97.3	97.9	98.3	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1
≥ 200	61.1	89.1	92.9	95.3	96.8		98.1	98.6		99.0	99.3	99.3	99.4	99.4	99.5	99.5
≥ 100	61.1	89.1	92.9	95.3	96.8		98.1	98.6	98.8	99.1	99.4	99.4	99.6	99.7	99.8	
2 0	61.1	89.1	92.9	95.3	96.8						99.4	99.4	99.6			100.0

TOTAL NUMBER OF OBSERVATIONS _____

7440

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

7

CEILING VERSUS VISIBILITY

13964

BERGSTROM AFB TX

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILLTY ST	ATUTE MIL	ES-	_					
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¥₄	≥%	2 %	≥5/16	2 14	≥0
NO CEILING ≥ 20000	55.9 58.3	63.9 66.8	64.6		64 • 8 67 • 8	1				64.8 67.8		64.8	64.8		64.8 67.8	64.8 67.8
≥ 18000 ≥ 16000	58.6 58.6	67.0 67.0	67.8			68.0			_			68.D	68.0 68.0		68.0 68.0	68.0 68.0
≥ 14000 ≥ :2000	59.0 59.7	67.4	68.2	68.4	68.4 69.2	68.4		68.4 69.2	68.4 69.2	68.4 69.2	68.4	68.4	68.4	68.4	68.4 69.2	68.4
≥ 10000 ≥ 9000	60.8	70.2	71.0	71.2	71.2	71.2	71.2	71.2		71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000 ≥ 7000	61.6	71.0	71.9	72.1 72.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000 ≥ 5000	62.3	71.8	72.7	72.9	72.9 73.6	72.9	72.9	72.9	72.9 73.6	72.9	72.9	72.9	72.9 73.6	72.9	72.9	72.9
≥ 4500 ≥ 4000	63.7	73.1	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500 ≥ 3000	64.8	74.6	75.4	75.7 76.3	75.7 76.3	75.7	75.8 76.4	75.8	75.8	75.8	75.8	75.8 76.4	75.8	75.8	75.8	75 · 8 76 · 4
≥ 2500 ≥ 2000	66.0 69.4	76.7	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0 82.3	78.0 82.3	78.0	78.0	78.0
≥ 1800 ≥ 1500	70.7	82.7 87.6	83.6	84.0	84.D 89.1	84.0 89.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200 ≥ 1000	76.7	92.6	93.7	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900 ≥ 800	78.9	95.9	97.1	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700 ≥ 600	79.2	97.1 97.1	98.4	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500 ≥ 400	79.2	97.1	98.4	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	79.4	97.3 97.3	98.8	99.4	99.4	99.6	99.7	99.7	99.8	99.9		99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	79.4	97.3	98.8	99.4	99.6	99.7	99.8		99.9	100.0	100.0	100.0	00.0	.00.0	100.0	0.00
	17.9	7/03	70.0	77.4	77.0	77.1	77.8	77.5	77.9	100.0	400.0	100.0		.00.0	.00.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

90C

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLES



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 Hours (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES-	-					
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥3	≥21⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING	37.1	45.4	47.3	47.7	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	39.3	48.6	50.4	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	39.3	48.6	50.4	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	39.3	48.6	50.4	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	39.6	48.8	50.7	51.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ :2000	40.3	49.9	51.8	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	41.1	51.7	53.7	54.2	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	41.1	51.7	53.8	54.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	41.4	52.3	54.4	55.0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	42.3	53.3	55.4	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	42.8	53.9	56.0	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	43.0	54.4	56.6	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4500	43.8	55.3	57.4	58.0	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4000	44.0	56.0	58.1	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 3500	44.3	56.3	58.4	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3000	44.8	57.8	60.d	60.6	61.4	61.4	61.4	61.4	61 - 4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2500	47.4	61.9	64.1	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2000	50.2	65.8	68.1	68.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ +800	52.2	68.9	71.2	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1500	54.9	73.2	75.8	76.3	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1200	59.4	81.3	83.9	84.7	85.7	85.7	86.0	86.0	86.0	86.D	86.0	86.D	86.0	86.0	86.0	86.0
≥ ,000	61.9	85.4	88.2	89.3	90.4	98.4	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 900	62.9	87.6	90.3	91.6	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 800	63.9	90.3	93.1	94.3	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 700	64.0	90.7	93.7	94.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 600	64.8	92.1	95.3	96.8	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	65.1	92.9	96.2	97.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	65.1	93.0	96.3	97.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	65.1	93.0	96.4	97.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	65.1	93.d	96.6	98.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0	7 7 7 7	100.0	
≥ 100	65.1	93.0	96.6	98.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9			00.0	
≥ 0	65.1	93.0	96.6	98.0	99.3	99.3	99.8	99.8	99.8		99.9	77.57	100.0			
LL	22.1	/ /	- 0 - 9	, v . y		7793	7780	77.0	77.0	7707	7707	7707	* 0 0 0 U			100 + D

TOTAL NUMBER OF OBSERVATIONS 900

LIGAT STAC FORM CALLS (CL. 4) ADEVIOUS STATISTICS OF THIS CORN ADD CORNEL



CEILING VERSUS VISIBILITY

13904

__ 300

100

BERGSTROM AFB TX

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE

0600-0800 HOURS (L.S.T.)

(FROM HOURLY OBSERVATIONS) VISIBILITY STATUTE MILES CEILING IFEE T > 10 ہ≤ ≥2% ≥1% ≥1% ≥ % ≥ 5/16 NO CEILING 22.1 36.2 38.6 40.3 41.9 42.2 42.7 43.1 43.2 43.2 43.2 43.3 43.3 43.3 43.3 43.4 | 40.9| 43.7<u>| 45.8| 47.4| 47.8|</u> 48.3| 48.8| 48.9| 48.9| 48.9| 49.0| 49.0| 49.0| 49.0| 49.0| 25.4 41.0 43.8 45.9 47.6 47.9 48.4 48.9 49.0 49.0 49.1 49.1 49.1 49.1 49.2 25.6 41.3 44.1 46.2 47.9 48.8 49.2 49.3 49.3 49.3 49.4 49.4 49.4 49.4 49.6 > 18000 ≥ 16000 > 14000 ≥ 12000 26.d 42.2 45.2 47.3 49.2 49.6 50.1 50.6 50.7 50.7 50.7 50.8 50.8 50.8 50.8 50.8 50.9 ≥ 10000 27.1 44.3 47.4 49.7 51.6 51.9 52.4 52.9 53.0 53.0 53.0 53.1 53.1 53.1 53.1 53.1 53.2 28.1 45.9 49.1 51.4 53.4 53.9 54.4 54.9 55.0 55.0 55.0 55.1 55.1 55.1 55.1 55.2 28.3 46.9 50.1 52.4 54.9 55.4 55.9 56.0 56.0 56.0 56.1 56.1 56.1 56.1 56.2 28.7 47.3 50.6 52.9 55.0 55.4 56.0 56.4 56.6 56.6 56.6 56.7 56.7 56.7 56.7 56.8 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 5000 28.9 47.7 50.9 53.2 55.3 55.8 56.3 56.8 56.9 56.9 56.9 57.0 57.0 57.0 57.0 57.0 57.0 > 4500 ≥ 4000 ≥ 3500 ≥ 3000 30.4 51.0 54.6 56.9 59.0 59.4 60.1 60.6 60.7 60.7 60.7 60.8 60.8 60.8 60.8 60.9 32.3 55.7 59.2 61.7 63.8 64.2 64.9 65.3 65.4 65.4 65.6 65.6 65.6 65.6 65.7 35.0 61.0 64.8 67.4 69.6 70.0 70.7 71.1 71.2 71.2 71.2 71.3 71.3 71.3 71.3 71.4 36.2 63.1 66.9 69.6 71.8 72.2 72.9 73.3 73.4 73.4 73.4 73.6 73.6 73.6 73.6 73.7 37.7 66.4 70.4 73.2 75.4 75.9 76.6 77.0 77.1 77.1 77.1 77.2 77.2 77.2 77.2 77.3 39.6 72.4 77.0 80.0 82.2 82.8 83.6 84.0 84.1 84.1 84.1 84.2 84.2 84.2 84.2 84.3 40.0 75.6 81.2 84.7 87.1 87.9 88.7 89.1 89.2 89.2 89.2 89.3 89.3 89.3 89.3 89.4 ≥ 2500 ≥ 2000 ≥ 1800 1500 ≥ 1200 76.4 82.3 85.8 88.2 89.0 89.8 90.2 90.3 90.3 90.4 90.4 90.4 90.4 90.6 78.1 84.4 87.9 90.6 91.3 92.1 92.6 92.7 92.8 92.8 92.9 92.9 92.9 92.9 93.1 40.2 900 800 40.8 41.0 79.1 85.4 88.9 91.7 92.4 93.2 93.8 93.9 94.0 94.0 94.1 94.1 94.1 94.1 94.1 94.3 41.3 79.9 86.3 89.8 92.6 93.4 94.2 94.8 94.9 95.0 95.0 95.1 95.1 95.1 95.1 95.3 ≥ ≥ 700 600 41.3 80.8 87.6 91.1 94.0 94.9 95.8 96.3 96.4 96.6 96.7 96.7 96.7 96.7 96.7 96.9 41.3 81.1 87.9 91.4 94.4 95.3 96.2 96.8 97.1 97.8 97.8 97.9 97.9 97.9 97.9 98.1 41.3 81.1 87.9 91.4 94.6 95.6 96.4 97.2 97.7 98.3 98.4 98.7 98.7 98.8 98.8 99.0 41.3 81.2 88.0 91.6 94.7 95.7 96.6 97.4 97.9 98.6 98.9 99.1 99.1 99.2 99.2 99.4 ≥ 500 400

97.6

96.6 97.6 98.0 98.8 99.1 99.3

98.0 98.8

99.1

TOTAL NUMBER OF OBSERVATIONS

99.3

99.4

99.3

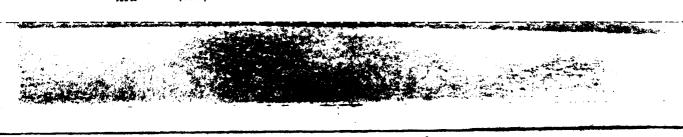
900

99.6

JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS

94.7

91.6 94.7 95.7 96.6



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

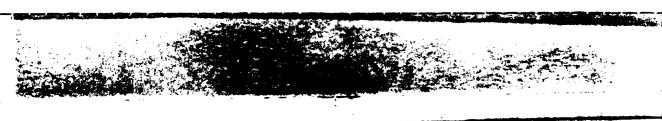
3900-1100

900

CEILING							vis	IBILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥21/5	≥ 2	≥1%	≥1%	≥1	≥ %	≥%	≵ %	≥ 5/16	2 %	≥0
NO CEILING ≥ 20000	40.8 45.7	54.7	55.3 62.7	55.6 62.9	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0	55.7 63.0
≥ 18000 ≥ 16000	45.7 45.9	62.2	62.9	63.1 63.3	63.2 63.4		63.2 63.4	63.2 63.4	63.2 63.4	63.2	63.2 63.4	63.2 63.4	63.2	63.2 63.4	63.2 63.4	63.2 63.4
≥ 14000 ≥ 12000	46.3	63.0	63.7	63.9 65.4	64.0 65.6	64.0 65.6	64.0 65.6	64.0	64.0 65.6	64.0	64.0 65.6	64.0 65.6	64.0	64.0 65.6	64.0 65.6	64.D
≥ 10000 ≥ 9000	47.6	66.2	66.8	67.1 67.3					67.2	67.2		67.2	67.2	67.2	67.2	67.2
≥ 8000 ≥ 7000	48.7	67.6	68.3	68.7 69.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8 69.8	68.8	68.8
≥ 6000 ≥ 5000	49.7	68.9	69.8	70 · 1	70.2	70.2	70.2	70.2	70.2	70.2	70.2 70.6	70.2	70.2		70.2	70.2 70.6
≥ 4500 ≥ 4000	50.7	71.0	71.9		72.3	72.3	72.3	72.3	72.3			72.3	72.3	72.3	72.3	72.3
≥ 3500 ≥ 3000	52.2 55.0	73.2		74.4 79.0	74.6			74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500 ≥ 2000	57.7 60.3	83.8	84.8	85.1	85.4 89.9	85.4	85.4	85.4	85.4 89.9		85.4	85.4 89.9	85.4 89.9	85.4	85.4	85.4
≥ 1800 ≥ 1500	61.8	90.4	91.4	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200 ≥ 1000	63.1	95.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900 ≥ 800	63.4	96.1	97.4	97.8	97.9	98.1	98.1	98.1	98.1	98.2	98.2		98.0	_ : : : : :	98.2	98.0
≥ 700 ≥ 600	63.6	96.8	98.0	98.4	98.6	98.8	98.6	98.6		98.9		98.9	98.9	98.7	98.9	98.9
≥ 500 ≥ 400	63.6	97.2	98.6	99.1	99.4	99.4	99.4	99.4	99.6				99.7	99.7	99.7	99.7
≥ 300 ≥ 200	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0		100.0	100.0	00.0	100.0	
≥ 100	63.6	97.2		99.1		99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥ 0	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS _____

JEAF ETAC JULM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET



CEILING VERSUS VISIBILITY

12904

BERGSTROM AFB TX

69-70,73-80

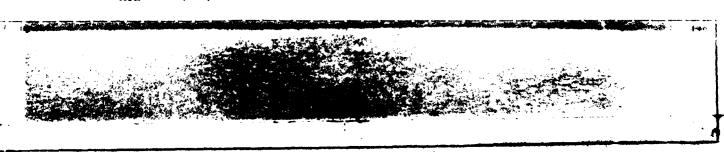
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LIST.)

CEILING				_			VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥ 10	≥6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥ı	≥ ¥	≥ %	≥ 4⁄2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	52.6 60.0	65.7 74.9	65.7 74.9	65.7 74.9	65.7 74.9	65.7	65.7 74.9	65.7	65.7 74.9	65.7 74.9	65.7 74.9	65.7 74.9	65.7 74.9	65.7	65.7 74.9	65.7 74.9
≥ 18000 ≥ 16000	60.2 60.3	75.1 75.2	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3	75.2 75.3
≥ 14000 ≥ 12000	61.1	76.0	1	76.1	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76.1 77.4	76 • 1 77 • 4
≥ 10000 ≥ 9000	63.8	80.2	1 1 1 1	80.3		80.3	80.3 80.7	80.3	80.3 80.7	80.3	80.3 80.7	80.3	80.3	80.3	80.3	80.3
≥ 8000 ≥ 7000	64.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000 ≥ 5000	64.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3		82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500 ≥ 4000	67.8	85.6		86.0	86.0	86.0	86.0 88.8	86.0		86.0		86.0		86.0	86.0 88.8	+1
≥ 3500 ≥ 3000	71.4		91.8	91.9	91.9	92.0	92.0	92.0		92.0		92.0	92.0	92.0 93.8	92.0 93.8	
≥ 2500 ≥ 2000	74.0 74.6	95.0	95.6	95.7	95.8	95.9	95.9		95.9	96.0	96.0	96.0	96.0	96.0	96.C	96.0
≥ 1800 ≥ 1500	74.6	96.2	96.9	97.0 98.0	97.1	97.3			97.3	97.4	97.4		97.4	97.4	97.4	97.4
≥ 1200 ≥ 4000	74.9	97.6		98.6 98.7			98.9	98.9	99.0		99.1	99.1	99.1	99.1	99.1	99.1
≥ 900 ≥ 800	74.9	97.7	98.6	98.7	98.8		99.0			99.2	99.2			99.2		
≥ 700 ≥ 600	75.0 75.0	98.0	98.9	99.0		99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500 ≥ 400	75.0 75.0		1 1111	99.0	99.1	99.3	99.3	99.3	99.4	99.6	99.6		99.6	99.6		99.7
≥ 300 ≥ 200	75.0 75.0	98.0	J	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9		00.C
≥ 100 ≥ 0	75.0 75.0	98.0	1	99.0 99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9 99.9	99.9	99.9			100.0

TOTAL NUMBER OF OBSERVATIONS



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

JUN

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MONTH

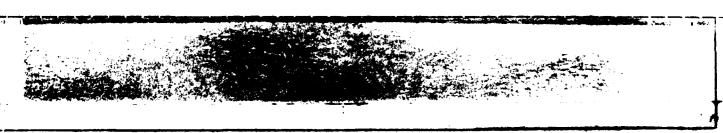
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1703 HOURS (L.S.Y.)

CEILING						-	VIS	BILITY ST	ATUTE MILI	ES:						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥21/5	≥ 2	≥1%	≥11/4	≥1	≥ 1⁄4	≥%	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	61.3 69.3	72.0 82.3	72.0 82.3	72.0 82.3	72.0 82.3		72.0 82.3	72.0 82.3	72.0 82.3	72.0 82.3	72.0 82.3	72.0 82.3	72.0	72.0 82.3	72.0 82.3	72.C 82.3
≥ 18000 ≥ 16000	69.6 69.6	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7
≥ 14000 ≥ 12000	70.2 71.4	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.0	83.4 85.C
≥ 10000 ≥ 9000	73.9 74.0	88.6	88.7	88.6 88.7	88.6		88.6 88.7	88.6 88.7	88.6	88.6 88.7	88.6 88.7	88.6 88.7	88.6 88.7	88.6	88.6 88.7	88.6 88.7
≥ 8000 ≥ 7000	75.1 75.4	90.4	90.4	90 • 1 90 • 6	90.1 90.6		90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6	90.1 90.6
≥ 6000 ≥ 5000	75.4 76.8	93.4 92.1	90.4 92.1	90.6 92.2	90.6	92.2		90.6 92.2	90.6 92.2	90.6 92.2	90.6 92.2	90.6 92.2	90.6	90.6 92.2	90.6 92.2	90.6 92.2
≥ 4500 ≥ 4000	78.9 80.1	94.6	96.3	94.7	94.7 96.4	94.7	94.7	94.7	94.7	94.7	94.7 96.4	94.7 96.4	94.7 96.4	94.7 96.4	94.7 96.4	94.7 96.4
≥ 3500 ≥ 3000	80.8 81.1	97.0	97.8	97.1 97.9	97.2 98.0		97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0
≥ 2500 ≥ 2000	81.4	97.8	97.9	98.0 99.2	98.1 99.3		98.1	98.1	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98 • 1 99 • 3	
≥ 1800 ≥ 1500	81.6	98.4	99.1	99.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	81.6	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	81.7 81.7	98.6 98.7	99.3	99.6 99.7	99.7 99.8	99.7 99.8	99.7	99.7 99.8	99.7 99.8	99.7	99.7 99.8	99.7	99.8	99.8	99.8 99.9	99.6
≥ 700 ≥ 600	81.7	98.8	1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	00.0	100.0	00.0
≥ 500 ≥ 400 ≥ 300	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		00.0	100.0	00.5
≥ 200	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	00.0	00.0
≥ 100 ≥ 0	81.7	98.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9				00.0	

TOTAL NUMBER OF OBSERVATIONS ______93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

JUN

ATION STATION P

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.Y.)

CEIUNG							VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥ 10	≥ &	`` 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1%	≥1	≥ 16	≥ %	≥ ¥:	≥ 5/16	≥ ′₄	≥0
NO CEILING	69.4	3 . 8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.
≥ 20000	76.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.
≥ 18000	76.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.
≥ 16000	76 z a	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.
≥ 14000	76.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.
≥ 12000	78.	8 ، ه	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 10000	€0.4	6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.
≥ 9000	50.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ 8000	81.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.
≥ 7000	<u>82⊹</u> ⊈	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.
≥ 6000	82.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.
≥ 5000	82.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.
≥ 4500	82.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.
≥ 4000	83.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
≥ 3500	83.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 3000	83.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.
≥ 2500	84.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.C	99.0	99.C	99.0	99.0	99.0	99.0	99.
≥ 2000	84.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 1800	84.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.8	99.0	99.0	99.0	99.
≥ 1500	84.0	99.d	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
≥ 1200	84.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ .000	84.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ 900	84.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
≥ 800	84.3	99.8	99.8	99.8	99.9	99.9			99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 700	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.
≥ 600	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.
≥ 500	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	00.0	00.
≥ 400	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	0.00	00.0	00.
≥ 300	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	00.0	00.
≥ 200	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	00.0	00.
> 100	84.4	99.9	99.9				100.0									
≥ 0	84.4	99.9					100.0									r ·

TOTAL NUMBER OF OBSERVATIONS 900

LIGAP STAC FORM G-14-S (OL A) PREVIOUS COLTIONS OF THIS FORM ARE OBSOLETI



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

2100-2300 HOURE (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
(FEE?)	≥ 10	≥6	≥ 5	≥ 4	≥3	≥ 21⁄.	≥ 2	≥1%	≥11%	≥1	≥ ¥4	≥%	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	70.6 76.6	80.1	80.3 86.9	80.3 86.9		80.3 86.9	80.3 86.9	80.3 86.9	80.3	80.3 86.9	80.3 86.9	80.3 86.9	60.3 86.9	80.3 86.9	80.3 86.9	80.3 86.9
≥ 18000 ≥ 16000	76.6 76.6	86.7 86.7	86.9 86.9	86.9 86.9	86.9	86.9	86.9 86.9	86.9	86.9 86.9	86.9 86.9	86.9 86.9	86.9 86.9	86.9 86.9	86.9 86.9	86.9	86.9
≥ 14000 ≥ 12000	77.1 77.9	87.3	87.6 88.4	87.6 88.4		87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4	87.6 88.4
00001 ≤	79.4 79.4	90.6				90.8 90.8	90.8 90.8	90.8 90.8	90.8 90.8	90.8 90.8	90.8 90.8	90.8 90.8	90.8	90.8 90.8	90.8 90.8	90.8 90.8
≥ 8000 ≥ 7000	80 • 1 80 • 1	91.2		91.8	91.8		91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4	91.4	91.4	91.4	91.4
≥ 6000 ≥ 5000	80.1 80.6	91.6 92.2	92.4	92.4	92.4	91.8 92.4	91.8 92.4	91.8 92.4	91.8	92.4	91.8	91.8	91.8		91.8	91.8
≥ 4500 ≥ 4000	81.2	93.1 93.1	93.3 93.3	93.3 93.3	93.3	93.3 93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500 ≥ 3000	81.8	93.9	94.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.7	94.7	94.1	94.1	94.7
≥ 2500 ≥ 2000	82.9	95.1	95.3	95.3 96.8	95.3	95.3	95.3		95.3	95.3 96.9 97.2	96.9	95.3 96.9 97.2	95.3 96.9 97.2	95.3 96.9 97.2	95.3 96.9 97.2	95.3 96.9 97.2
≥ 1800 ≥ 1500	84.2	96.6	98.4	98.6	97.2	97.2 98.7	97.2 98.7	97.2 98.7	97.2 98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1200	84.9	98.5 98.6	98.8	98.9 99.1	99.0 99.2	99.2	99.3	99.0 99.3	99.0 99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 900 ≥ 800	85.1 85.1	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 700 ≥ 600	85.1	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400 ≥ 300	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	00.0
≥ 100	85.1	99.0	1	99.6	* . • 1	99.7	99.9	99.9	99.9		-					00.0

900 TOTAL NUMBER OF OBSERVATIONS ___



150

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

JUN

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

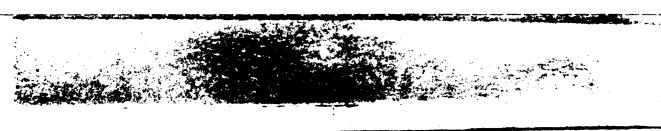
ALL HOURS (L.S.T.)

CEILING					_		VIS	BILITY ST.	ATUTE MIL	ES.						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥ 21⁄.	≥ 2	≥1%	≥11/4	≥1	≥%	≥%	≥ ⊬.	≥ 5/16	≥ 1/6	≥0
NO CEILING ≥ 20000	51.2 56.4		62.8		63.5 70.2		63.6	63.6	63.6 70.4	63.6	63.6 70.4	63.6	63.6	63.6 70.4	63.6	63.7 70.4
≥ 18000 ≥ 16000	56.5 56.5		1	70.0 70.1	70.4 70.4	70.4 70.5	70.5 70.5	70.5 70.6	70.5 70.6	70.5 70.6	70.5 70.6	70.6 70.6	70.6	70.6 70.6	70.6 70.6	70.6 70.6
≥ 14000 ≥ 12000	57.0 57.9	-				71.0 72.3	71.0 72.3	71.1 72.4	71.1 72.4	71.1 72.4	71.1 72.4	71.1	71.1 72.4	71.1 72.4	71.1 72.4	71.1 72.4
≥ 10000 ≥ 9000	59.2 59.3	73.0 73.2		74.3 74.5		74.7 74.9	74.8 75.0	74.8 75.0	74 • 8 75 • 0	74.8 75.0	74.8 75.0	74.9 75.1	74.9 75.1	74.9 75.1	74.9 75.1	74.9 75.1
≥ 8000 ≥ 7000	60.1 60.5	74.3 75.0	1	75.7 76.3	76.1 76.7	76.1 76.8	76.2 76.8	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9	76.3 76.9
≥ 6000 ≥ 5000	60.7	75.2 76.0		76.6 77.4			77.1 77.9	77.2 78.0	77.2 78.0	77.2 78.0	77.2 78.0	77.2 78.0	77.2 78.0	77.2 78.0	77.2 78.0	77.2 78.0
≥ 4500 ≥ 4000	62.3	77.3 78.3	78.3 79.2	78.7 79.7	79.1 80.1	79.2 80.1	79.3 80.2	79.3 80.3	79.3 80.3	79.3 80.3	79.3 80.3	79.3 80.3	79.3	79.3 80.3	79.3 80.3	79.4 80.3
≥ 3500 ≥ 3000	63.6 64.3	79.3 80.6		80.7 82.2	81 • 1 82 • 6	81.2 82.7	81.3 82.8	81.4 82.8	81.4 82.8	81.4 82.9	81.4 82.9	81.4 82.9	81.4 82.9	81.4 82.9	81.4 82.9	81.4 82.9
≥ 2500 ≥ 2000	65.7 67.4	83.1 85.7	84.2 86.9	84.7 87.5	85 • 1 87 • 9	85.2 88.0	85.3 88.1	85.3 88.2	85.3 88.2	85.4 88.2	85.4 88.2	85.4 88.2	85.4 88.2	85.4 88.2	85.4 88.2	85.4 88.2
≥ 1800 ≥ 1500	68.2 69.3	86.9 89.1	88.1 90.4	88.7 91.0	89.2 91.4	89.3 91.5	89.3 91.7	89.4 91.7	89.4 91.8	89.4 91.8	89.4 91.8	89.4 91.8	89.4 91.8	89.4 91.8	89.4 91.8	89.5 91.8
≥ 1200 ≥ 1000	70.5 71.2	91.9 93.3	93.3 94.9	93 .9 95 .6	94.4 96.2	94.5 96.3	94.7 96.5	94.8 96.5	94.8 96.6	94.8 96.6	94.8 96.6	94.8 96.6	94.9 96.7	94.9 96.7	94.9 96.7	94.9
≥ 900 ≥ 800	71.4	93.8 94.6	96.3	96.2 97.1		96.9 97.8	97.0 97.9	97.1 98.0	97.1 98.0	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.2
≥ 700 ≥ 600	71.8	94.9	97.0	97.8	98.4	98.1 98.6	98.3 98.8	98.4 98.8	98.4 98.9	98.5 98.9	98.5 98.9	98.5 99.0	98.5 99.0	98.5 99.0	98.5 99.0	98.5 99.0
≥ 500 ≥ 400	71.9		97.4	98.1 98.2	98.8 98.9	98.9	99.1	99.2 99.4	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 300 ≥ 200	72.0 72.0	95.6	97.5	98.3	98.9 99.0	99.2	99.4	99.5	99.6	99.7	99.7 99.8	99.8	99.8	99.8	99.8	99.8
≥ 100 ≥ 0	72.0 72.0		1 1 1 7		99.0 99.0	99.2	99.4		99.6	99.8	99.8	99.9	99.9	99.9		100.0

TOTAL NUMBER OF OBSERVATIONS _

7200

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE SPECIE



1

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5000-0200

CEILING							VIS	BILITY ST	ATUTE MILI	ES.						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING	73.0	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	77.2	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	77.2	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	77.5	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	78 • 4	85.8	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ :2000	80.0	88.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000	82.6	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	83.0	91.6	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 8000	83.8	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	83.9	92.9	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	84.0	93.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	84.1	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	84.3	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	84.5	93.5	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	84.5	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	84.5	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	84.5	94.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	84.7	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	84.8	94.9	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	86.1	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	86.5	97.4	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ i000	86.8	98.0		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	86.9	98.1	98.8		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	86.9	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	86.9	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	86.9	98.4	99.1	99.5	99.5		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	86.9	98.5	99.4	99.7	99.7	99.7	66.7	99.7	69.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.0	00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.9	98.6	99.6	99.9	99.9	99.9	66.6	99.9	00.0	00.0	99.0	90.9	99.9	99.9	99.9	99.9
≥ 200	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	86.9	98.6	99.6	99.9	99.9	99.9	00.0	00.0	66.6	99.9	99.9	99.9	99.9	99.9		00.0
≥ 100	86.9	98.6		1	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9			100.0
	50 · Y	70.0	99.6	77.7	77.7	77.9	77.7	77.7	99.9	77.7	77.9	77.7	77.7	77.7	77.7	OU o

TOTAL NUMBER OF OBSERVATIONS __

930

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLES



CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13914

BERGSTROM AFB TX

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES:						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ ⊬:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57.8 59.9	65.8 68.5	66.2 68.9	66 • 6 69 • 4	67.0 70.0	67.0 70.0		[67.0 70.0	67.0 70.0		67.0 70.0	67.0 70.0		67.0 70.0	67.0 78.3
≥ 18000 ≥ 16000	59.9 60.2	68.5 68.8	68.9 69.2	69.7	70.0 70.3	70.0	70.3	70.0 70.3	70.0 70.3	70.3	70.3	70.0	70.0 70.3		70.0 70.3	70.0
≥ 14000 ≥ 12000	60.9	69.7 71.1	70.1 71.6		71.2	71.2	71.2	71.2	71.2	72.7	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000 ≥ 9000	65.6	75.7 76.3	76.2 76.9	76.7	77.3	78.0		77.3 78.0	77.3 78.0	78.0	77.3	77.3	77.3 78.0	77.3	77.3	77.3 78.C
≥ 8000 ≥ 7000	66.7	77.0 77.5	77.7	78.7	78.8	78.8	79.4	78.8	78.8	79.4	78.8	78.8	78.8 79.4	79.4	78.8	78.8
≥ 6000 ≥ 5000	66.9 67.2	77.7 78.1	78.5 78.8	79.2	79.6 79.9	79.6 79.9	79.6 79.9	79.6 79.9	79.6 79.9	79.9	79.6 79.9	79.6 79.9	79.6 79.9	79.6 79.9	79.6 79.9	79.6
≥ 4500 ≥ 4000 ≥ 3500	67.4	78.4	79.1	79.6	80.2	80.2 80.5	80.2	80.2		80.2		80.2	80.2	80.2	80.2	80.2 80.5
≥ 3000 ≥ 3000 ≥ 2500	67.5	79.0	79.8		80.9	80.9	80.9		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
2 2000	69.2	80.9	81.7	82.2	82.8		82.8	82.8	82.8	82.8	82.8	82.8		82.8	82.8	82.8
≥ 1500	70 • 8	84.1	84.9	85.5	86.2	86.2 91.1		86.2				86.2		_ : :	86.2 91.1	86.2
≥ ,000	75.8 76.2	91.7	93.1		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5 95.4	94.5
≥ 800 ≥ 700	76.7	93.4	94.8	95.4 95.8	96.8			96.3 96.8	96.8	96.3	96.3 96.8	96.8	96.3 96.8		96.3 96.8	96.8
≥ 500	76.9	94.3	95.8 97.1	96.7 98.0	97.6	97.6		97.6	97.6		97.6 99.0	97.6	97.6	97.6	97.6	97.6 99.0
≥ 400	77.2	95.7	97.4		99.1	99.1		99.2	99.2	99.6	99.2	99.2	99.2	99.6	99.2	99.2
≥ 100	77.2	95.7	97.5	98.4	99.6	99.7	99.8			99.8		99.8	99.8			99.8
≥ 0	77.2	95.7	97.5	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	0.00

TOTAL NUMBER OF OBSERVATIONS ___

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



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CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3633-080<u>C</u> HOURS (L.S.T.)

CERUNG							VIS	BILITY STA	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21⁄.	≥ 2	≥1%	≥11/4	≥1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥c
NO CEILING ≥ 20000	34.9 36.3	53.0 56.5	55.7 59.6	56.7 62.5	57.1 61.2	57.2 61.5		57.5 62.2	-	1	57.6 62.4	57.6 62.4	57.6 62.4	57.6 62.4	57.6 62.4	57.6 62.4
≥ 18000 ≥ :6000	36.3 36.7	56.5 56.8	59.6 59.9			61.5 61.8		62.2 62.5	62.2 62.5		62.4	62.4	62.4 62.7	62.4	62.4 62.7	62.4 62.7
≥ 14000 ≥ :2000	37.4 38.6	57.7 60.4	60.9 63.5	1	62.6 65.5	62.9 65.8	63.4	63.5	63.5		63.8 67.0	63.8	63.8 67.0	63.8 67.0		63.8 67.0
≥ 10000	42.0 42.3	65.9	69.4	70.3 70.8	71.4 71.8	71.7 72.2	72.3 72.7	72.5 72.9	72.9 73.3		73.1 73.5	73.1 73.5	73.1 73.5	73.1 73.5	73.1 73.7	73.1
≥ 8000 ≥ 7000	42.7	66.9	70.8 71.2		72.9 73.3	73.2 73.7	73.8 74.2	74.D	74.4 74.8		74.6 75.1	74.6 75.1	74.7 75.2	74 • 7 75 • 2	74.8 75.3	74.8
≥ 6000 ≥ 5000	43.4 43.4	67.8 68.0	71.7 71.9	72 • 8 73 • 0	73.9	74.2 74.4	74.7	74.9 75.2	75.4 75.6	75.6 75.8	75.6 75.8	75.6 75.8	75.7 75.9	75.7 75.9	75.8 76.0	75.8 76.0
≥ 4500 ≥ 4000	43.5	68.2 68.5	72.2 72.5	73.2 73.5	74 • 3 74 • 6	74.6 74.9	75 • ¿ 75 • 5	75.4 75.7	75.8 76.1	76.0 76.3	76.0 76.3	76.0 76.3	76.1 76.5	76 • 1 76 • 5	76.2 76.5	76.2 76.6
≥ 3500 ≥ 3000	43.5 43.7	68.7 69.0	72.8 73.1	73.9 74.3	74.9 75.4	75.3 75.7	75 • 8 76 • 2	76.0 76.5	76.5 76.9	76.7 77.1	76.7 77.1	76.7 77.1	76.8 77.2	76.8 77.2	76.9 77.3	76.9 77.3
≥ 2500 ≥ 2000	44.6 45.5	70.6 72.4	74.8 76.6		77.1 79.0	77.4 79.4	78 • 3 79 • 9	78.2 80.2	78.6 80.6	78 • 8 8C • 9	78.8 80.9	78.8 80.9	78.9 81.0	78.9 81.0	79.0 81.1	79.0 81.1
≥ 1800 ≥ 1500	45.7 47.5	73.2 76.1	77.4 80.3	78.7 81.7	79.9 82.9	80.2 83.2	80.8 83.8	81.1	81.5 84.5	81.7 84.7	81.7 84.7	81.7 84.7	81.8 84.8	81.8 84.8	81.9 84.9	84.9
≥ 1200 ≥ 1000	48.8 49.7	80.2 83.5	84.7 88.3	86.5 93.3	87.6 91.6		88.5 92.7	88.9 93.1	89.4 93.5	89.6 93.8	89.6 93.8	89.6 93.8	89.7 93.9	89.7 93.9	89.8 94.5	89.8 94.0
≥ 900 ≥ 800	49.9 50.3	84.1 85.4	88.8 90.1	90.9 92.2		93.8	93.2 94.5	93.7	94.1 95.4	94.3 95.6	94.3 95.6	94.3 95.6		94.4 95.7	94.5 95.8	94.5 95.8
≥ 700 ≥ 600	50.3 50.5	86.7	91.1 91.7	93.2	95.4	94.9	95.8 96.6	96.2 97.0	96.7	96.9 97.6	96.9	97.0 97.7	97.8	97.1 97.8	97.2 98.0	97.2
≥ 500 ≥ 400	50.5	87.0 87.3	92.4	94.5	95.9	96.3	98.0	97.8	98.4 98.9	98.6 99.1	98.6 99.1	98.7	98.8	98.8	98.9	98.9
≥ 300 ≥ 200	50.5	87.3	92.4	94.5	96.5	96.9	98.2 98.2	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.8	
≥ 100 ≥ 0	50.5 50.5	87.3 87.3	92.4	94.5	96.5 96.5	96.9 96.9	98•2 98•2	98.6 98.6	99.1 99.1	99.4	99.5 99.5	99.6 99.6		99.7 99.7		100.0

TOTAL NUMBER OF OBSERVATIONS ______930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

13974

BERGSTROM AFB TX

69-70,73-83

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ATION STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100

CEHING							vis	BILITY ST	ATUTE MIL	ES						
16667)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	لا≀≤	≥1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '4	≥0
NO CEIUNG ≥ 20000	5 5.4 5 8.1	66.9 71.2	67.1 71.4	67.2 71.5							67.3 71.6	67.3 71.6		67.3 71.6	67.3 71.6	67.3 71.6
≥ 18000 ≥ 16000	58.1 58.5	71.2	71.4 72.0	71.5 72.2				71.6 72.3			71.6 72.3	71.6 72.3	71.6 72.3	71.6 72.3	71.6 72.3	71.6 72.3
≥ 14000 ≥ 12000	59.6 61.9	73.1 76.3	73.4 76.8	73.7 77.1	73.9 77.3	77.3	77.3	73.9 77.3		73.9 77.3	73.9 77.3	73.9 77.3	73.9 77.3	73.9 77.3	73.9 77.3	73.9
≥ 10000 ≥ 9000	64.9 65.3	80.9 81.8	81.3 82.3	81.6 82.6		82.8	82.8		82.8	82.8	81.8 82.8	81.8 82.8	81.8	81.8 82.8	81.8 82.8	81.8 82.8
≥ 8000 ≥ 7000	65.4 65.5	82.3	82.8 82.9	83.1		83.4	83.4	83.4	83.4	83.4	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000 ≥ 5000	65.6	82.7	83.2		83.9			83.9		83.8	83.8	83.8		83.8	83.8	83.8
≥ 4500 ± 4000	66.2	83.2	83.8	84.4		84.6	84.6	84.6	-	84.6	84.3	84.6		84.3	84.5	84.3
≥ 3500 ≥ 3000	66.6	84.1	84.6	86.7	85.3	85.3	85.3	87.1	87.1	67.1	85.3 A7.1	85.3 87.1	87.1	85.3 87.1	85.3 87.1	85.3
≥ 2500 ≥ 2000	70.4	90.9	91.7	89.1 92.2			92.6	92.		92.6	92.6			89.6 92.6		
≥ 1800	70.6 71.2	91.7 94.0	92.6			93.4	96.2	96~3	96.3		93.4 96.3			93.4 96.3	93.4 96.3	93.4 96.3
≥ 1200 ≥ 1000 > 900	71.5	96.5	96 • 2 97 • 3	98.1	97.6 98.7	97.6 98.7	98.8	98.9			98.9		98.9	98.9		98.9
≥ 800	71.5	96.6	97.5	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	71.5	97.0	98.0	98.7	99.5		99.7		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400 ≥ 300	71.9	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	106.n
≥ 200	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00
ž 0	71.5	97.0	98.0	98.7	99.6			100.0								

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE



7.5

CEILING VERSUS VISIBILITY

17904 BERGSTROM AFB TX

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1209-1400 HOURS (L.S.T.)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
(FEET)	≥:0	≥6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ 4.	≥ 5/16	≥ 1⁄4	≥0
NO CEILING	63.8	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 20000	69.5	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.
≥ 18000	69.5	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.
≥ 16000	69.8	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.
≥ 14000	70.6	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.
≥ :2000	72.7	85.2	85.8	86.0	86.0	86.0	86.D	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.
≥ 10000	74 . 8	88.7	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.
≥ 9000	74.8	88.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 8000	75.3	89.5	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.
≥ 7000	75.4	89.8	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.
≥ 6000	75.9	90.5	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.
≥ 5000	76.6	91.2	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.
≥ 4500	77.7	92.7	93.5	94.0	94.0	94.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
≥ 4000	78.6	93.8	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.
≥ 3500	79.2	94.5	95.5	96 • C	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ 3000	79.9	95.8	96.8	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.
≥ 2500	80.1	96.2	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98 • 1	98.
≥ 2000	80.3	97.d	98.3	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.
≥ 1800	80.3	97.0	98.3	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ 1500	ខព.១	97.2	98.5	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1200	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ ,000	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.
≥ 900	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.
≥ 800	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	0.00	.00
≥ 700	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9		100.0	100.0	100.0	100.0	100.0	100.0	CO.
≥ 600	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.
≥ 500	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.
≥ 400	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.C	100.0	100.0	100.0	100.0	00.
≥ 300	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.
≥ 200	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
> 100	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	0.00	00.0	100.
≥ 0	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.0	100.0	100.0	100-0	inn n	00.0	nn.n	nn.

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

	Ī															
CEILING							VIS	BILITY ST	ATUTE MIL	ES]
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING	62.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	72.3	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	72.3	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	72.4	81.0		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	74.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0			84.0	84.0	84.0	84.0	84.0	84.0
≥ :2000	77.2	87.2	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	79.4	90.1	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 9000	79.4	90.3		91.2	91.2			91.2	91.2		91.2	91.2	91.2			91.2
≥ 8000	80.5	91.9	- 1	92.8		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	,		92.8
≥ 7000	81.0	92.5		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	81.3	92.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	83.Q	94.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	83.7	95.3	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	84.1	95.8	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	84.4	96.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	84.5	97.2	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 2500	84.5	97.3	98.3	98.8	98.9	98.9	99.0	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 2000	84.5	97.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1800	84.6	97.6	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1500	84.6	97.6	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1200	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ .000	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.C
≥ 200	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	0.00	00.0
> 100	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.C
≥ 0	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

17974 BERGSTROM AFB TX

69-70,73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

≥6 3 72.1 3 3.8 8 3.9 9 84.1 2 86.0 8 9.9 9 9 3.5 9 9 4.0 9 9 5.0 9 9 5.0 9 9 5.0 9 9 5.0 9 9 7.1 9 7 7.8	95.7 95.7 96.0 96.2 97.0 97.7 98.1	97.1 98.0 98.3	23 72.3 84.3 84.4 84.6 86.4 90.4 91.4 94.2 94.6 95.9 95.9 96.2 97.3 98.2 98.5	84 4 4 84 6 4 90 4 2 94 2 94 6 95 9 95 9 96 2 96 4 97 3	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	72.3 84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.2 97.3 98.2	96.2 96.4 97.3 98.2	84 · 4 84 · 6 86 · 4 90 · 4 94 · 2 94 · 6 95 · 9 95 · 9 96 · 2 96 · 4	72.3 84.3 84.4 84.6 86.4 90.4 94.2 94.2 95.9 95.9 96.4 97.3 98.2	2% 72.3 84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 97.3 98.2	72.3 84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	2.5/16 72.3 84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	20 72.3 84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.2 96.4 97.3 98.6
83.8 83.9 84.1 86.0 89.9 95.0 95.0 95.4 95.4 97.1	84.3 84.4 84.6 86.4 90.4 94.1 94.5 95.7 95.7 96.2 97.3 97.7	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.8 95.8 96.3 97.1 98.0 98.3	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 97.3 98.2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 9C.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.3 84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2
83.9 84.1 86.0 89.9 1 93.5 94.0 95.0 95.0 95.0 95.0 97.1 3 97.4	84.4 84.6 86.4 90.4 94.1 94.5 95.7 95.7 96.0 96.2 97.7 98.1	84.4 84.6 86.4 90.4 94.2 94.6 95.8 95.8 96.1 96.3 97.1 98.0	84.46 86.49 90.42 94.66 95.99 96.2 96.2 96.3 98.2	84 • 4 84 • 4 86 • 4 91 • 2 94 • 2 94 • 6 95 • 9 96 • 2 96 • 4 97 • 3 98 • 2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84 · 4 84 · 6 86 · 4 90 · 4 94 · 6 95 · 9 95 · 9 96 · 4 97 · 3 98 · 2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 96.2 96.4 97.3	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	84.4 84.6 86.4 9D.4 94.2 94.6 95.9 95.9 96.2 96.4	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 90.4 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.4 84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2
84.1 86.0 89.9 93.5 94.0 95.0 95.0 95.0 95.6 96.3 97.1	84.6 86.4 90.4 94.1 94.5 95.7 95.7 96.0 96.2 97.7 98.1	84.6 86.4 90.4 94.2 94.6 95.8 95.8 96.1 96.3 97.1 98.0	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2 98.5	84.6 86.4 90.4 94.2 94.6 95.9 96.2 96.4 97.3 98.2	84.6 86.4 90.4 94.2 94.6 95.9 96.2 96.4 97.3 98.2	84.6 86.4 96.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.6 86.4 90.4 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.6 86.4 90.4 94.2 94.6 95.9 96.2 96.4 97.3	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	84.6 86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2
86.0 89.9 93.5 94.0 95.0 95.0 95.6 95.6 96.3 97.1	86.4 90.4 94.1 94.5 95.7 95.7 96.0 96.2 97.7 98.1	86.4 90.4 94.2 94.6 95.8 95.8 96.1 96.3 97.1 98.0	86.4 90.4 94.2 94.6 95.9 96.2 96.4 97.3 98.2	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	86.4 96.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	86.4 90.4 94.6 95.9 95.9 96.2 96.4 97.3 98.2	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	86.4 90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2
89.9 93.5 94.0 95.0 95.0 95.4 95.6 96.3 97.1	90.4 94.1 94.5 95.7 95.7 96.0 96.2 97.0 97.7	90.4 94.2 94.6 95.8 95.8 96.1 96.3 97.1 98.0	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	96.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3	9D.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	90.4 94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2
93.5 94.0 95.0 95.0 95.4 95.6 96.3 97.1	94.1 94.5 95.7 95.7 96.0 96.2 97.1 97.7	94.2 94.6 95.8 95.8 96.1 96.3 97.1 98.0	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4	94.2 94.6 95.9 95.9 96.2 96.4	94.2 94.6 95.9 95.9 96.2 96.4	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.2 94.6 95.9 95.9 96.2 96.4 97.3 98.2
94.0 95.0 95.0 95.4 95.4 97.1 97.1	94.5 95.7 95.7 96.0 96.2 97.1 97.7	94.6 95.8 95.8 96.1 96.3 97.1 98.0	94.6 95.9 95.9 96.2 96.4 97.3 98.2 98.5	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3	94.6 95.9 95.9 96.2 96.4	94.6 95.9 95.9 96.2 96.4 97.3	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3 98.2	94.6 95.9 95.9 96.2 96.4 97.3 98.2
95.0 95.0 95.4 95.6 96.3 97.1 97.4	95.7 95.7 96.0 96.2 97.0 97.7 98.1	95.8 95.8 96.1 96.3 97.1 98.0	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3	95.9 95.9 96.2 96.4 97.3	95.9 95.9 96.2 96.4 97.3	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2	95.9 95.9 96.2 96.4 97.3 98.2
95.0 1 95.4 3 95.6 96.3 7 97.1	95.7 96.0 96.2 97.1 97.7 98.1	95.8 96.1 96.3 97.1 98.0 98.3	95.9 96.2 96.4 97.3 98.2 98.5	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3	95.9 96.2 96.4 97.3	95.9 96.2 96.4 97.3	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3 98.2	95.9 96.2 96.4 97.3 98.2
95.4 95.6 96.3 97.1 97.4	96.0 96.2 97.0 97.7 98.1	96.1 96.3 97.1 98.0 98.3	96.2 96.4 97.3 98.2 98.5	96.2 96.4 97.3 98.2	96.2 96.4 97.3 98.2	96.2 96.4 97.3 98.2	96.2 96.4 97.3 98.2	96.2 96.4 97.3	96.2 96.4 97.3	96.2 96.4 97.3	96.2 96.4 97.3 98.2	96.2 96.4 97.3 98.2	96.2 96.4 97.3 98.2	96.2 96.4 97.3 98.2
95.6 96.3 97.1 97.4	96.2 97.1 97.7 98.1	96.3 97.1 98.0 98.3	96.4 97.3 98.2 98.5	96.4 97.3 98.2	96.4 97.3 98.2	96.4 97.3 98.2	96.4 97.3 98.2	96.4	96.4	96.4	96.4 97.3 98.2	96.4 97.3 98.2	96.4 97.3 98.2	96.4 97.3 98.2
96.3 97.1 97.4	97.7 97.7 98.1	97.1 98.0 98.3	97.3 98.2 98.5	97.3 98.2	97.3 98.2	97.3 98.2	97.3 98.2	97.3	97.3	97.3	97.3 98.2	97.3 98.2	97.3 98.2	97.3 98.2
97.1	97.7 98.1	98.0 98.3	98.2 98.5	98.2	98.2	98.2	98 • 2				98.2	98.2	98.2	98.2
97.4	98.1	98.3	98.5					98.2	98.2	98.2				
1 - 1				98.5	98.5	98.6						-	00 1	98.4
97.8	98.7					,,,,,	98.6	98.6	98.6	98.6	98.6	98.6	98.6	/0.0
		98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
97.8	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
97.8	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.8	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.8	98.7	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
6 98.1	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.0
6 98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.9	99.5	99.7		99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.3	100.0	100.0
	98.9	99.5			99.8									
6 98.1	* * •		-											
	98.1 98.1 98.1 98.1 98.1 98.1 98.1	98.1 98.9 98.1 98.9 98.1 98.9 98.1 98.9 98.1 98.9 98.1 98.9 98.1 98.9	98.1 98.9 99.5 98.1 98.9 99.5 98.1 98.9 99.5 98.1 98.9 99.5 98.1 98.9 99.5 98.1 98.9 99.5 98.1 98.9 99.5	98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7 98.1 98.9 99.5 99.7	98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7 98.1 98.9 99.5 99.7 99.7	98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8 98.1 98.9 99.5 99.7 99.7 99.8	98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9	98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9	98.1 98.9 99.5 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0	98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0	98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 100.	98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 </td <td>98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0<!--</td--><td>98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0100.0100.0100.0100.0</td></td>	98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9 100.0 </td <td>98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0100.0100.0100.0100.0</td>	98.1 98.9 99.5 99.7 99.7 99.8 99.9 99.9100.0100.0100.0100.0100.0100.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

17454

BERGSTROM AFB TX

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-237E

									*						
						VIS	IBILITY ST	ATUTE MIL	.ES						
≥ ‡0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ 4:	≥ 5/16	≥ ′₄	≥0
79.	83.9	84.3	94.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
82.4	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
82.6	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.5
82.8	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
83.8	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
85.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.5
87.1	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
87.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
88.3	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
88.3	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
88.5	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
88.5	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
89.1	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
89.2	97.6	98.3	98.3	98.6	98.6	98.6	92.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
89.2	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
89.3	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
89.4	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
89.4	98.3	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
89.4	99.3	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
89.5	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.5
89.6	98.7	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.00.0
89.8	98.8	99.6	99.7	100.d	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0
89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
89.8	98.8	99.6	99.7	100.d	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
89.8	98.8	99.6	99.7	100.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0
89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.6
89.8	98.8	99.6	99.7	100.d	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0
89.8	98.8	99.6									-				100.0
89.8	98.8														
	79.1 82.4 82.6 83.8 83.8 85.2 87.1 87.8 88.3 88.5 89.1 89.2 89.2 89.3 89.4 89.4 89.6 89.8 89.8 89.8	79.1 83.9 82.4 88.9 89.8 89.8 89.8 89.8 88.8 89.8 89	79.1 83.9 84.3 82.4 88.9 89.5 82.6 89.1 89.8 82.8 89.3 90.0 83.8 99.4 91.0 85.2 92.2 92.9 87.1 95.0 95.7 87.8 95.8 96.4 97.1 88.3 96.4 97.1 88.3 96.4 97.1 88.5 96.9 97.5 98.2 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.7 98.4 89.3 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.2 97.6 98.3 89.4 98.2 98.8 99.6 89.8 89.8	79. 83.9 84.3 94.3 82.4 88.9 89.5 89.5 89.5 89.6 99.0 90.0 90.0 90.0 90.0 90.0 90.0 9	79. 83.9 84.3 34.3 84.3 82.4 88.9 89.5 89.5 89.5 89.5 89.5 89.5 89.5	79.1 83.9 84.3 84.3 84.3 84.3 82.4 88.9 89.5 89.5 89.5 89.5 89.5 89.5 89.5	210 26 25 24 23 22% 22 79.1 83.9 84.3 54.3 84.8 89.8 89.6 89.8	≥10 ≥6 ≥5 ≥4 ≥3 ≥2% ≥2 ≥1% 79.2 83.9 84.3 34.3 84.3 96.4 91.0 91.0 91.0 91.0 91.0 91.0 91.0 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9	210 26 25 24 23 22% 22 21% 21% 79.1 83.9 84.3 84.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4	79.	210 26 25 24 23 22% 21 21% 21 24 23 22% 22 21% 21% 21 24 24 23 22% 22 21% 21% 21 24 24 23 22% 22 21% 21% 21 24 24 23 22% 22 21% 21% 21 24 24 23 24% 28 38	210 26 25 24 23 22% 27 21% 21% 21 24 24 24 25 27 21% 21% 21 24 24 24 25 27 21% 21% 21 24 24 24 25 27 21% 21% 21 24 24 25 27 27 27 27 27 27 27	\$\begin{array}{c c c c c c c c c c c c c c c c c c c	210 26 25 24 23 27% 27 21% 21 24 24 24 25 26 27 28 28 28 28 28 28 28	\$\begin{array}{c c c c c c c c c c c c c c c c c c c

TOTAL NUMBER OF OBSERVATIONS __

927

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



7.3

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING	,						vis	BILITY ST.	ATUTE MIL	€S-					_	
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥11/4	≥1	≥ %	≥%	≥ ٧:	≥ 5/16	≥ ¼	≥0
NO CEILIN ≥ 20000	- 0194	70.3 76.8			71.3 78.0			71.3 78.1	71.3 78.1		71.3 78.1	71.3 78.1	71.3 78.1	71.3 78.1	71.3 78.1	71.3 78.1
≥ 18000 ≥ 16000		76 • 8 77 • 1	' ' ' ']		78.0 78.3			78.1 78.4	78.1 78.4	78.2 78.5	78 • 2 78 • 5	78.2 78.5	78.2 78.5	78 • 2 78 • 5		78.2 78.5
≥ 14000 ≥ 12000	1 0.04	78.5 81.3	79.3 82.2		79.7 82.7		79.8 82.8	79.8	79.8 82.9	79.9 82.9	79.9 82.9	79.9 82.9	79.9	79.9	79.9 82.9	79.9
≥ 10000	,	85.1 85.6	1	86 • 4 86 • 9	86.6 87.1	86.7 87.2	86.7 87.2	86.8	86.8	86.8 87.3	86.8 87.3	86.8	86.8	86.8 87.3	86.8	86.8
≥ 8000 ≥ 7000		86.5	87.5 87.8	1	88.1	88.2	88.2	88.3 88.6	88.3 88.6		88.4 88.6	88.4	88.4	88.4	88.4	88.4
≥ 6000 ≥ 5000		87.1 87.5		88.5 89.0		88.8	88.9 89.4	88.9 89.4	89.0 89.5	89.0 89.5	89.0 89.5	89.0 89.5	89.D 89.5	89.D	89.0 89.5	
≥ 4500 ≥ 4000	1	38 • 1 88 • 5	89.2	89.6 90.1	89.9 90.4		90.0 90.5	90.0 90.5		90.1 90.6	90.1 90.6	90.1 90.6		90.1 90.6	90.1	90.1
≥ 3500 ≥ 3000		88.9 89.5] ''''	90.5 91.2			90.9 91.7	91.0 91.7	91.0 91.8	91.0 91.8	91.0 91.8	91.0 91.8	91.1 91.8	91.1 91.8	91.1 91.8	91.1 91.8
≥ 2500 ≥ 2000		90.2 91.2		91.9 93.0	92.3 93.4	92.3 93.4	92.4 93.5	92.4 93.6	92.5 93.6		92.5 93.7	92.5 93.7		92.5 93.7		92.5
≥ 1800 ≥ 1500	1	91.6 92.8	1 1	93.4 94.7	93.8 95.1	93.8 95.2		94.0		94.1 95.4	94.1 95.4	94.1 95.4	94.1 95.5	94.1 95.5	94.1 95.5	
≥ 1200	77.8	94.2		96.2 97.4	96.7 97.8	96.7 97.9	96.8 98.0	96.9 98.1	97.0 98.2	97.0 98.2	97.0 98.2	97.0 98.2		97.0 98.3	97·1 98·3	97.1 98.3
≥ 900 ≥ 800		95.4 95.7	96.9 97.1	97.6 97.8	98.0 98.3	98 • 1 98 • 4	98.2 98.5	98.3 98.7	98.4 98.7	98.5 98.8	98.5 98.8	98.5 98.8	1111	98.5 98.8	98.5 98.8	98.5 98.8
≥ 700 ≥ 600	78.1	95.8 96.0	97.6		98.8		98.8 99.1	98.9 99.2	99.0	99.0 99.3	99.0 99.3	99.0 99.3		99.0 99.3	99.1 99.3	99.1 99.3
≥ 500 ≥ 400	78.1	96.2	97.8 97.9	98.5 98.6	99.1 99.2	99.2	99.4	99.5	99.6 99.7	99.6	99.6 99.8	99.7 99.8	99.7	99.7 99.8	99.7 99.8	99.7 99.6
≥ 300 ≥ 200	78.1	96.3	97.9	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100		96.3 96.3	97.9 97.9	98.7 98.7	99.3	99.4	99.6	99.7	99.8 99.8	99.9	99.9	99.9	99.9		100.0	

TOTAL NUMBER OF OBSERVATIONS

7434

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE



CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

69,72-80

AUS

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000+0200

CEILING	_						VIS	BILITY ST	ATUTE MIL	E S						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ 4:	≥ 5/16	≥ ¼	≥c
NO CEILING	66.8	77.3	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.
≥ 20000	71.0	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 18000	71.0	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 16000	71.0	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 14000	71.4	82.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.
≥ 12000	73.1	84.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85 - 6	85.6	85.6	٤5.
≥ 10000	75.9	87.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.
≥ 9000	75.9	87.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.
≥ 8000	76.0	87.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.
≥ 7000	76.3	88.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.
≥ 6000	76.5	88.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 5000	77.2	89.3	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.
≥ 4500	77.5	89.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.
≥ 4000	77.8	90.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.
≥ 3500	78.0	90.5	91.7	92.0	92.0	92.0	92.D	92.0	92.0	92.D	92.0	92.0	92.0	92.0	92.0	92.
≥ 3000	78.2	91.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.
≥ 2500	78.7	91.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.
≥ 2000	78.9	92.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.
≥ 1800	79.6	93.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.
≥ 1500	81.1	94.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.
≥ 1200	82.6	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 1000	82.9	96.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.
≥ 900	83.1	97.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.
≥ 800	83.1	97.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.
≥ 700	83.3	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 600	83.3	98.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
≥ 500	83.4	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 400	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	00.
≥ 300	83.4	98.2							100.0			100.0	100.0		00.0	
≥ 200	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.
≥ 100	83.4	98.2	99.7	100.0		100.0										
2 0	83.4	98.2		100.d											:	

TOTAL NUMBER OF OBSERVATIONS _

930 (

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



, T.

CEILING VERSUS VISIBILITY

13964

BERGSTROM AFB TX

69,72-80

AUG

STATION

STATION NAME

9**300-0500**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CHUNG							vis	BILLITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥ 21⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ⊬.	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	50.9 5 3. 4	64.1	65.5 68.8		66.8 70.1	66.9 70.2	67.0		67.0 70.3			67.0	67.0	67.0 70.3	67.0	
≥ 18000 ≥ 16000	53.4	67.4	68.8	70.1	70.1 70.1	70.2	70.3	70.3	70.3 70.3	70.3	70.3	70.3 70.3	70.3	70 • 3 70 • 3	70.3	70.3
≥ 14000 ≥ 12000	54 • 2 56 • 5	68.3 70.5	69.7 71.9	71.0 73.2	71.0 73.2	71.1 73.3	71.2 73.4		71.2 73.4	71.2	71.2 73.4	71.2 73.4	71.2 73.4	71.2	71.2 73.4	71.2 73.4
0000 ≤	58.9 58.9	73.9 74.1	75.3 75.5	76 • 6 76 • 8	76.6 76.8	76.7 76.9	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0	76.8 77.0
≥ 8000 ≥ 7000	59.2 59.4	74.8 75.1	76.2 76.6	77.5 77.8	, ,	77.6 78.1	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2	77.7 78.2
≥ 6000 ≥ 5000	59.6 60.1	75.3 75.8	76 • 8 77 • 3	78 • 1 78 • 6	78.2 78.7	78.3 78.8	78.4 78.9	78.4 78.9	78.4 78.9		78.4 78.9	78.4 78.9	78.4 78.9	78.4 78.9	78.4 78.9	78.4 78.9
≥ 4500 2 4000	60.2 60.8	76 • 1 76 • 7	77.8 78.4	79.1 79.7	79.2 79.8	79.4 79.9	79.5 80.0		79.5 80.0		79.5 80.0	79.5 80.0	79.5 80.0	79.5 80.0	79.5 80.0	79.5 80.0
≥ 3500 ≥ 3000	61.2 61.5	77.2 77.8	78.9 79.6			80.4 81.2	80.5 81.3		80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3	80.5 81.3
≥ 2500 ≥ 2000	61.7	78.3 79.8	80.0 81.6		81.5 83.1	81.6 83.2			81.7	83.3		81.7	81.7 83.3	81.7 83.3	81.7 83.3	81.7
≥ 1800 ≥ 1500	63.9 66.3	81.1 83.9	82.9 85.9	87.3				87.7		87.7	87.7	84.6			84.6 87.7	
≥ 1200	70.0			93.7	93.9	91.9	92.0	94.1	94.1		94.1	94.1	94.1	92.0	92.0	92.0
≥ 900 ≥ 800	70.1	91.2	94.8	96.3	95.3	95.4	95.5	96.8	95.5	96.8		95.5	96.8	95.5 96.8	95.5	95.5
≥ 700 ≥ 600	71.6	94.0			98.3	97.5	97.6 98.6	98.6		98.6	98.6		98.6	97.6 98.6	97.6 98.6	97.6 98.6
≥ 500 ≥ 400	71.8	94.9				99.7	99.5	99.9	99.9	99.5	99.9	99.5	99.9	99.5	99.5	99.9
≥ 300 ≥ 200	71.8	94.9	97.5	99.2		99.7	99.9	99.9		99.9			99.9	99.9		99.9
> 100 ≥ 0	71.8 71.8					99.7 99.7	99.9			99.9	-				100.0	

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC THE 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

77.

CEILING VERSUS VISIBILITY

1 7 - 74

BERGSTROM AFB TX

69,72-A3

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0806 HOURS (L.S.T.)

CEILNO							٧IS	B . TV - ST	ATUTE MIL	ES						
rfEE'n	≥ :C	≥ 6	≥ 5	2.4	2 3	≥2%	≥ 2	≥ 4	≥1%	≥1	≥ ¾	≥ %	≥ 4:	≥ 5/16	≥ ¼	≥0
NO CEILING	28.1	44.8	57.9	53.2	54.7	55.6	56.2	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.0
≥ 20000	29.8	48.3	55.3	57.6	59.1	60.0	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 18000	29.8	48.3	55.3	57.6	59.1	6 U . D	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 16000	29.8	48.3	55.3	57.6	59.1	60.0	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 14000	30.0	48.5	55.6	58.0	59.5	66.3	61.0	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7
≥ :2000	31.4	50.4	57.5	59.9	61.5	62.4	63.0	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.8	63.6
≥ 10000	33.8	55.1	62.9	65.4	67.2	68.1	68.8	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.8	69.8
≥ 9000	34. d	55.5	63.3	66.1	68.0	68.8	69.6	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.5	70.5
≥ 8000	34.6	56.8	64.7	67.5	69.5	70.3	71.1	71.6	71.7	71.7	71.9	71.9	71.9	71.9	72.0	72.0
≥ 7000	34.9	57.1	65.1	67.8	69.8	70.8	71.6			72.3	72.5	72.5	72.5	72.5	72.6	72.6
≥ 6000	35.1	57.2	65.2	68.0	69.9	70.9	71.7	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.7	72.7
≥ 5000	35.3	57.4	65.4	68.2	70.1	71.1	71.9	72.5	72.6	72.6	72.8	72.8		72.8	72.9	72.9
≥ 4500	35.3	57.7	65.8	68.6	70.5		72.4	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.3	73.3
± 4000	35.3	57.7	65.8	68.6	75	71.5	72.4	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.4	73.4
≥ 3500	35.5	58.2	66.2	69.0			72.8	73.4	73.5	73.5	73.8	73.8	73.8	73.8	73.9	
≥ 3000	35.6	58.6	66.7	69.6	71.6	72.6	73.4	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.5	74.5
- 2500	36.7	60.0	68.2	71.1	73.1	74.1	74.9	75.6	75.7	75.7	75.9	75.9		75.9	76.C	76.C
2006	37.4	61.5	69.8	72.8	74.9	76.0	76.9	77.5	77.6	77.6	77.8	77.8	77.8	77.8	78.0	78.0
.2 BOO	37.7	62.8	71.1	74.1	76.2			78.8			79.1	79.1		79.1	79.2	
- 50c	38.8	65.6	74.0	77.1	79.2	80.3		1	82.3	82.3	82.5	82.5	82.5	82.5		
20C	39.4	69.4	78.0	81.1	83.4						86.9		86.9	86.9		
2 006	40.2	71.5	89.1	83.3	85.8	86.9	88.1	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.6	89.6
• 900	40.4	73.d	81.8	85.1	87.5			$\overline{}$	91.0		91.2	91.2	91.2	91.2	91.3	
≥ ROG	40.9	74.0	82.8	86.1	88.6	89.7	90.9	91.8	92.2	92.3	92.5	92.5	92.5	92.5	92.6	
: 700	41.3	74.7	13.9	87.3	89.8		92.0			93.5			93.8	93.8	93.9	
≥ 600	41.3	75.1	84.3	87.8	90.5	91.6			- 1		94.7		94.7			
≥ 500	41.3	75.0	85.1	88.8	92.2		94.8				96.9	96.9	96.9	96.9	97.0	
. 40C	41.3	75.9	85.5	89.7	93.2				97.7		98.2	98.2	98.2	98.2		
2 300	41.3	75.4	85.5	89.8	93.4		96.5				98.7	98.7	98.7	98.7		98.9
2 200	41.3	76.d	45.6	49.9	93.5	1			98.4		99.0	99.0		99.4		99.8
> 100	41.3	76.0	15.4	89.4	93.5		96.7		98.4			99.C			00.0	
· · · ·	41.3	76.d	85.4	89.9		95.1	1	i -:	98.4						00.0	
المستستا	7404		• 3 • 9	9797	7,703	7.7 9.4		7000	7007	,,,,,	77.00	77.0	7707	77.7		

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



street .

CEILING VERSUS VISIBILITY

10904 BERGSTROM AFB TX

69,72-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5900-1100 HOURS (L.S.T.)

					<u></u>		VIS	BILITY ST.	ATUTE MIL	ES						
CEILING																
(FEET)	≥ 10	≥6	≥5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥1%	≥1%	ا≤	≥ ¾	≥ %	≥ 4:	≥ 5/16	≥ ¼	≥0
NO CEILING	42.7	62.0	63.2	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	47.3	69.6	71.0	71.4	71.4	71.5	71.5	71.5		_		71.5			71.5	71.5
≥ 18000	47.4	69.7	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ ,6000	47.4	69.7	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	47.7	77.2	71.7	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ :2000	49.8				75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	52.2	77.2	79.0	79.7	79.8	80.1	80.1	80.1	80.1	8C.1	80.1	80.1	80.1	80.1	80.1	86.1
≥ 9000	52.4	77.4			80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	52.8	77.8	79.7	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	52.8		79.7	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8			80.8	80.8	80.8
≥ 6000	52.9		79.9	80.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	52.9	78.3	80.1	80.8	87.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	53.1	78.7	80.5	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 400C	53.2	78.8	80.8	81.5	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		31.9	81.9
≥ 3500	53.9		81.4	82.2		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	54.6	80.8	82.7	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84 . C	84.0	84.0	84.0	84.0	84.0
≥ 2500	55.6	82.6	84.5	85.4	85.5		85.8	85.8			85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	57.2	85.8	88.1	89.0	89.1	89.5	89.5	89.5			89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	57.4	86.5	88.8	89 - 8	89.9	90.2	90.2	90.2			90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	58.7	89.5			93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	58.4	91.5		95.4	96.0	96.3	96.5	**						96.5	96.5	96.5
≥ .000	58.5	, ,		96.6	97.4		97.8			98.0			98.0	98.0	98.0	98.C
≥ 900	58.9	92.7	95.7	96.9	97.7	98.1	98.2	98.2	98.3						98.3	98.3
≥ 800	58.6			97.0			98.4	98.4				98.5				98.5
≥ 700	58.6					98.3	98.4					98.6		_	_	98.6
≥ 600	58.6		95.9			98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9		
≥ 500	58.6			97.6			99.5	99.5				99.9				
≥ 400	58.6		96.2				99.5	99.5				-			100.0	
≥ 300	58.6		96.2	97.6											100.0	
≥ 200	58.6						99.5								100.0	C
≥ 100	58.6		96.2	97.6											100.0	
2 0	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS



CEILING VERSUS VISIBILITY

13914

BERGSTROM AFB TX

69,72-80

AUG

TATION STATION NAM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

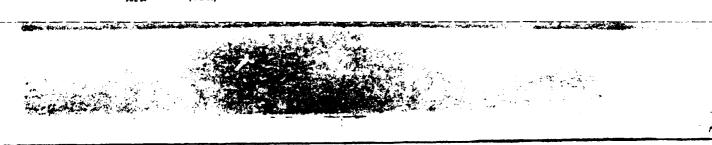
1203-1436 HOURS (L.S.Y.)

CEILING		• •					vi\$	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1½	≥1%	≥1	≥ %	≥%	≥ %	≥ 5/16	≥ ′₄	≥0
NO CEIUNG ≥ 20000	53.7 63.9	68.0 81.2		68.1 81.3	68.1 81.3	68.1	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3	68.1 81.3
≥ 18000 ≥ 16000	64 • 0	81.3	81.3	81.4	81.4	81.4	81.4 81.4	81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4 81.4	81.4	81.4 81.4
≥ 14000 ≥ 12000	64.4	82.2 84.5	82.2	82.4	82.4	82.4	82.4 84.8	82.4	82.4 84.8	82.4 84.8	82·4 84·8	82.4 84.8	82.4 84.8	82.4 84.8	82.4 84.8	82.4 84.8
≥ 10000 ≥ 9000	68.5	88.7 89.4	88.8	1	89.1	89.1	89.1 89.9	89.1 89.9	89.1	89.1 89.9	89.1 89.9	89.1 89.9	89.1	89.1 89.9	89.1	89.1 89.9
≥ 8000 ≥ 7000	68.7	89.7	89.9 90.1	90.2 90.4	90.3 90.5	90.3	90.3 90.5	90.3 90.5	90.3 90.5	90.3 90.5	90.3 90.5	90.3 90.5	90.3	90.3 90.5		90.3 90.5
≥ 6000 ≥ 5000	69.1 70.1	90.2	90.4	90.8 91.9	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9 92.0	90.9
≥ 4500 ≥ 4000	71.3	92 . 7	93.1 94.1	93.3 94.4	93.4 94.5	93.5	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6	93.5 94.6
≥ 3500 ≥ 3000	72.5 72.9	94.2 95.1	94.6 95.5	94.9 95.8	95.1 95.9	95•2 96•ს	95.2 96.0	95.2 96.0	96.0	95.2 96.0	95.2 96.0	95 • 2 96 • 0	95.2 96.3	95.2 96.0	95.2 96.0	95.2 96.0
≥ 2500 ≥ 2000	73.3 73.5	95.7 96.3	96.1 96.8	96.5 97.1	96.6 97.3	96.7 97.4	96.7 97.4	96.7 97.4	96.7 97.4	96.7	96.7 97.4	96.7 97.4	96.7 97.4	96.7 97.4	96.7 97.4	96.7 97.4
≥ 1800 ≥ 1500	73.5 73.5	96.5 96.6	97.0	97.2 97.4			98.0	97.5 98.0	98.0							97.5 98.3
≥ 1200 ≥ 1000	73.5 73.5	97.4 97.5	98.0	98.5 98.6	98.9 99.1	99.0 99.2		99.1		99.2	99.2	99.2	99.2	99.2	99.6	99.2
≥ 900 ≥ 800	73.5 73.5	97.6	98.1	98.7 98.7	99.4	99.5		99.6	99.8	99.8	99.8	99.8	99.8		99.8	99.8
≥ 700 ≥ 600	73.5 73.5	97.6	98.1	98.7 98.7	99.4		99.6	99.6	99.8		99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	73.5	97.6	98.2	98.8	99.4		99.6		100.0	100.0	100.0	100.0	100.0		100.0	
≥ 300 ≥ 200	73.5 73.5	97.7 97.7	98.2 98.2	98 • 8 98 • 8	99.5 99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100 ≥ 0	73.5	97.7	98.2	98.8	99.5	99.7	99.8									00.0

TOTAL NUMBER OF OBSERVATIONS ___

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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CEILING VERSUS VISIBILITY

17904

1.2

BERGSTROM AFB TX

69,72-80

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FATION STATION N

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

reing							viS	BILITY ST.	ATUTE MIL	ES					_	_
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1%	≥ì	≥ ¾	≥ %	≥ 1/2	≥5/16	≥ ¼	≥0
NO CEILING	52.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	66.9	79.9	79.9	79.9	79.9	79.9	79.9				79.9	79.9	79.9		79.9	
≥ 18000	67.1	80.5	80.5	80.5	80.5	80.5	80 • 5				80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	67.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	67.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥:2000	68.7	83.0	83.	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.C	83.0	83.0	83.0	83.0	83.0
≥ 10000	71.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	72.2	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	73.7	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	73.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	74.5	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	76.3	94.0		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	77.2	95.8		96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	78.1	97.2		98.0	98.1		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 3500	78.2	97.4		98.3	98.5		98.6	98.6		98.6	98.6	98.6		98.6	98.6	
≥ 3000	78.3	97.8		98.7	98.9						99.0	99.0	_		99.0	
≥ 2500	78.3	98.0		98.8	99.0		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 2000	78.5	98.3	98.9	99.1	99.4					99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	78.5	98.3	98.9	99.1	99.4		99.5				99.5	99.5		99.5	99.5	99.5
≥ 1500	78.5	98.3	98.9	99.1	99.4					99.5	99.5	99.5			99.5	99.5
≥ 1200	78.5	98.3	98.9	99.1	99.4		99.5	99.5		99.5	99.5			99.5	99.5	
≥ 1200	78.5	98.3	98.9	99.1	99.4	- 1				99.5	99.5		99.5	99.5	99.5	
> 900	78.5	98.3	98.9	99.1	99.4		99.5									
≥ 900 ≥ 800	78.5	98.5		99.4	99.6		99.7	99.7	99.7		99.7				99.7	_ : - =
	78.5	98.5		99.4	99.6			99.7	99.7	99.7	99.7			99.7		
≥ 700 ≥ 600	78.5	98.5		99.4			99.7	99.7			99.8			00.0		
	78.5	98.5		99.4	99.6			99.7	99.7	99.8	99.8			100.0		
≥ 500 ≥ 400				1												
	78.5	98.5		99.4	99.6		99.7	99.7	99.7		99.8	99.8		100.0		
≥ 300	78.5	98.5	1	99.4	99.6		1	99.7	99.7		99.8			00.0		F
≥ 200	78.5	98.5		99.4	99.6		99.7		99.7	99.8	99.8			100.0		
≥ 100	78.5	98.5		99.4		99.6			99.7		99.8			60.0		
≥ 0	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	<u>r00-0</u>	100.0

TOTAL NUMBER OF OBSERVATIONS ____

93

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



7.3

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69,72-80

AUG

ATION STAT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1009-2000 HOURS (LIST)

CEILNG							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1%	≥1	≥ ¾	≥ %	≥ 4:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	57.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3		66.3	66.3
	71.8	82.6		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	71.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	71.9	83.3		83.4		83.4	83.4	83.4	83.4		83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	72.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0		84.C	84.0	84.0		84.0	84 • C
≥ :2000	73.7	86.1					86.2				86.2	86.2			86.2	86.2
≥ 10000	76.9	91.0	91.6	91.6	91.6	91.6	91.6	91.6			91.6	91.6			91.6	91.6
≥ 900C	77.2		92.2	92.2	92.2	92.2		92.2		92.2	92.2	92.2			92.2	92.2
≥ 8000	78.1	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	78.7	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	79.6	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	80.5	96.3	97.	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	81.7	97.2	97.2	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	81.4	98.1	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.C
≥ 3500	81.4	98.2	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	81.5	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	81.5	98.5	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	81.5	98.6		99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	81.9	98.8		99.7	99.9	99.9								100.0		
≥ 400	81.5	98.8		99.7	99.9						-			00.0		
≥ 300	81.5	98.8		99.7	99.9									00.0		
≥ 200	81.5	98.8	i • • • • • • • • • • • • • • • • • • •	99.7	99.9		•							100.0		T
> 100	81.5	98.8		99.7	99.9									00.0		
≥ 100	81.5	98.8		99.7	99.9									100.0		
	0.03	,,,,	7,41	77.0	7,07	7707		23000			- 30 - 0		- 30 00		- 30 . 0	2000

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



CEILING VERSUS VISIBILITY

17914 BERGSTROM AFB TX

69,72-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURE (L.S.T.)

CELLING							vis	BILITY STA	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1¼	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ¼	≥c
NO CEILING . ≥ 20000	74 - 1	79.7	87.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
	81.4	88.3	88.8						88.8		88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000	81.2	88.3	83.8	88.8	88.8	88.8	88.8	88.8	88.8		88.8	88.88	86.8	8.83	88.88	88.6
	81.2	88.3			88.8	88.8	88.8		88.8		88.8	88.8	88.8	88.8	88.8	88.8
≥ 14000	81.5	88.8			7. 1		89.4	89.4	89.4		89.4	89.4		89.4	89.4	89.4
> 10000	85.4	93.4		91.0	91.0	91.D			91.0			91.0	91.0	91.0		91.0
≥ 10000	85.6	93.7	94.3	94 . 3	94.3	94.3	94.1	94.1	94.1	94.1	94.1	94.3	94.1		94.1	94.1
> 8000	86.1	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9			94.9	94.9	94.9	94.9	94.9
≥ 7000	86.7	94.8		95.5	95.5	95.5	95.5		95.5		95.5	95.5	95.5	95.5	95.5	95.5
> 6000	87.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1		96.1	96.1
≥ 5000	87.7	96.0	96.8	96.8	96.8	1			96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
> 4500	88.	96.2		97.0	97.0	97.0		97.0	97.0			97.0	97.0		97.0	97.Ĉ
≥ 4000	58.5	97.d	- 1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	88.6	97.4		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	88.8	97.8		98.8	98.8	98.8	98.8	98.8	98.8		98.8	98.8	98 - 8		98.8	98.8
≥ 2500	98.8	98.1		99.0	99.0	99.0	99.0	99.D	99.0			99.0	99.0	99.0	99.	99.0
≥ 2000	88.9	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ !800	88.9	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1500	88.9	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1200	89.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ ,000	89.1	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 900	89.1	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	9.7
≥ 800	89.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	89.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	89.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	89.1	98.8	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	89.1	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	89.1	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	89.1	98.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 10	89.1	98.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9		99.9	99.9		99.9	
≥ ∪	89.1	98.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS COLTIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1 77.4

BERGSTROM AFB TX

69,72-80

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY STA	ATUTE MILI	ES-					-	
(FEET)	≥10	≥ه	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1½	≥1%	≥1	2 %	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEIUNG ≥ 20000	5 3.3 60.7	65.7 74.9	67.0 76.3	67.6 76.9	67.7 77.1	67.9 77.2	68.0 77.3	68.0 77.4	68.0 77.4	68.5 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4
≥ 18000 ≥ 16000	60.7 60.7	75.1 75.1	76.5 76.5	77.1 77.1	77.3 77.3	77•4 77•4	77.5 77.5	77.6 77.6	77.6 77.6	77.6 77.6	77.6 77.6	77.6 77.6	77.6 77.6	77.6 77.6	77.6 77.6	77.6 77.6
≥ 14000 ≥ 12000	61.1 62.8	75.7 77.8	77.2 79.3	77 .7 79 . 9	77.9 80.1	78 • 1 80 • 3	78.2 80.4	78.2 80.4	78.3 80.4	78.3 80.4	78.3 80.5	78.3 80.5	78.3 80.5	78.3 80.5	78.3 80.5	78 • 3 80 • 5
≥ 10000	65.4 65.6	81.8	84.0	84 • 2 84 • 6	84.4	84.6 85.1	84.7 85.2	84.8	84 • 8 85 • 2	84.8 85.2	84.8 85.3	84.8	84 · 8 85 · 3	84.8	84 • 8 85 • 3	84.8 85.3
≥ 8000 ≥ 7000	06.4	83.1	84.9	85.6 85.9	85.8	86.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6
≥ 6000 ≥ 5000	66.8	84.8	86.6	86.4	86.7 87.5		87.8	87.9	87.9		87.1	88.0		87.1	88.0	
≥ 4500 ≥ 4000	67.9	85.6 86.2	83.1	88.8	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.6
≥ 3500 ≥ 3000	68.6 68.9 69.3	86.6	89.1	89.2	89.6 90.2	89.8 90.4 91.1	89.9 90.6 91.2	90.0 90.6 91.3	90.0	90.0 90.7 91.3	90.0 90.7 91.4	90.0 90.7 91.4	90.0 90.7	90.0 90.7 91.4	90.7 90.7	90.7 90.7
≥ 2500 ≥ 2000 ≥ 1800	69.9	97.8 88.8	95.9	90.6	92.6		92.4	92.5	91.3 92.5	92.5 93.0	92.5	92.5	92.5	92.5	92.5 93.1	
≥ 1500	70.8 71.5	90.6	92.8	93.6 95.3	94.0		94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ ,000	71.8	92.9	95.2	96.1	96.7	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	72.7	93.8	96.1	97.0	97.6	97.8	98.0 98.3	98.1	98.2	98.2 98.5	98.3	98.3	98.3	98.3	98.3	98.3
2 500	72.2	94.2	96.6		98.1	98.3	- 1	98.7	98.8		98.9	98.9	98.9	98.9	98.9	98.9
2 400	72.2	94.5	97.0	98.0 98.0			99.3	99.5	99.6		99.7			99.7	99.7	99.8
≥ 200	72.2	94.5	97.0	98 • 1 98 • 1	98.8	99.1	99.4	99.6	99.7		99.8	99.8		99.9		100.0
≥ 0	72.2	94.5		98.1			99.4							99.9		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



744

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J000-0200

CEILING							VIS	IBILITY ST.	ATUTE MIL	ES						
(FEET)	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	54 • 1 56 • 4	64.1	64.2 67.9	64 • 6 68 • 4	64.8 68.7		1	64.8 68.7	64.8 68.7		64.8 68.7	64.8 68.7	64.8 68.7	64.8 68.7	64.8 68.7	64.8 68.7
≥ 18000 ≥ 16000	56.6 56.6	67.6		68.6 68.6	68.8	68.8	1 7 7 7	68.8	68.8 68.8	1	68.8	68.8	68.8	68.8 68.8	68.8 68.8	1
≥ 14000 ≥ 12000	57.0 59.1	68.1	68.6	69.1	69.3 72.1	69.3 72.1	69.3 72.1	69.3		69.3	69.3 72.1	69.3 72.1	69.3 72.1	69.3 72.1	69.3 72.1	
≥ 10000 ≥ 9000	61.2	73.6	74.0	74.6 74.6	74.8 74.8	74.8	74.8	74.8 74.8	74.8 74.8	74.8	74.8	74.8	74.8	74.8 74.8	74.8	
≥ 8000 ≥ 7000	61.8	74.6	75.1 75.2	75 • 8 75 • 9	76.0 76.1	76.0 76.1	76.0 76.1	76.0 76.1	76.0 76.1		76.0 76.1	76.0 76.1	76.0 76.1	76.0 76.1	76.0 76.1	76.0 76.1
≥ 6000 ≥ 5000	62.3 63.3	75.4 76.2	76.0 76.8	76.7 77.4	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7	76.9 77.7
≥ 4500 ≥ 4000	63.1	76.2	76.9 77.3	77.6 78.0	77.8	77.8 78.3	77 · 8 78 • 3	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	77.8 78.3	77.8
≥ 3500 ≥ 3000	63.4 64.1	77.4	78.1 79.1	78.8 80.0	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3	79.1 80.3
≥ 2500 ≥ 2000	64.7	79.1 81.2	79.8 81.9	80.7 82.8	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2	81.0 83.2
≥ 1800 ≥ 1500	66.3	81.9 83.6	82.6 84.3	83.4 85.2	83.9 85.7	83.9	83.9	83.9	83.9	83.9 85.7	83.9 85.7	83.9 85.7	83.9 85.7	83.9 85.7	83.9 85.7	83.9
≥ 1200 ≥ 1000	70.0 70.9	87.4	88.3 93.0	89.2 90.9	89.7 9:.3	89.7	89.7 91.3	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8	89.8 91.4	89.8 91.4
≥ 900 ≥ 800	71.7	90.1	91.1	92.0 92.8	92.4	92.4	92.6	92.7	92.7	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7	92.7 93.4	92.7
≥ 700 ≥ 600	72.1 72.4	92.0	93.4	94.4	95.0 97.0	95.0	95.1 97.7	95.2 97.8	95.2 97.8		95.2 97.8	95.2 97.8	95.2 97.8	95.2 97.8	95.2 97.8	
≥ 500 ≥ 400	72.8 72.9	94.4	95.6	97.1	97.8	97.8	98.4	98.6	98.6 99.7	98.6 99.7	98.6 99.7	98.6 99.7	98.6 99.7	98.6 99.7	98.6 99.7	98.6
≥ 300 ≥ 200	72.9 72.9	94.7	96.1 96.1	97.8 97.8	98.4 98.4	98.9 98.9	99.7				100.0 100.0			100.0		F I
≥ 100 ≥ 0	72.9 72.9	94.7	96.1 96.1	97.8 97.8	98.4 98.4	98.9	99.7				100.0 100.0					100.0

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS



CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

69,72-80

SEP

ATION STATION N

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH 300-0500 Hours (Ls.T.)

CEILING							vis	BILITY STA	ATUTE MILI	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ 4	≥c
NO CEILING	44.0	54.1	56.4	57.6	57.9	58.0	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	45.7	56.2	58.7	60.0	60.6	60.7	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	45.7	56.2	58.7	60.0	60.6	60.7	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ :6000	45.7	56.2	58.7	60.0	60.6	60.7	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	45.9	56.4	58.9	60.2	60.8	60.9	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ :2000	47.2	58.3	60.9	62.2	62.8	62.9	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	48.8	60.9	63.4	64.8	65.3	65.4	65.6	65.8	66.9	66.0	66.0	66.0	66.0	66.0	66.D	66.0
≥ 9000	48.8	61.0	63.6	64.9	65.4	65.6	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	49.0	61.4	64.0	65.3	65.9	66.D	66.1	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	49.Q	61.7	64.2	65.6	66.1	66.2	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	49.2	62.0	64.6	65.9	66.4	66.6	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	50.1	62.9	65.4	66.8	67.3	67.4	67.6	67.8	68 · D	68.G	68.C	68.0	68.0	68.C	68.0	68.C
≥ 4500	50.3	63.2	65.8	67.2	67.8	67.9	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	50.3	63.4	66.2	67.7	68.2	68.4	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.D	69.0	69.6
≥ 3500	50.6	64.0	66.8	68.2	68.8	69.0	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	51.0	65.1	67.9	69.3	69.9	70.1	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	78.7
≥ 2500	51.1	66.1	69.0	70.4	71.1	71.3	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	52 · q	67.6	70.6	72.0	72.7	73.1	73.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	52.7	68.6	71.6	73.0	73.7	74.1	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	_54.Q	70.7	73.7	75.3	76.0	76.4	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1200	56.7	75.2	78.6	80.2	81.0	81.4	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ ،000	57.7	78.1	81.8	83.9	84.7	85.1	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	59.4	80.8	84.4	86.7	87.4	87.9	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	60.2	83.1	87.0	89.2	90.1	90.7	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	60.4	84.1	88.6	90.9	92.0	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600 }	60.6	85.3	90.1	92.8	93.9	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	60.6	85.8	91.7	93.9	95.0	95.6	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	60.6	86.3	92.0	95.1	96.4	97.4	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	60.6	86.7	92.3	95.4	96.8	97.8	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 200	60.6	86.7	92.3	95.4	96.8	97.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 100	60.6	86.8	92.4	95.6	97.0	98.0	99.0	99.4	99.8	99.8	99.8	99.8	99.9	99.9	30.3	06.0
2 0	60.6	86.8	92.4	95.6	97.0	98.0	99.0	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET



- - ·

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0609-0800

CEIL NG							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥1½	≥1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING	23.3	37.7	41.6	44.0	46.8	47.4	48.0	48.6	49.0	49.3	49.4	49.6	49.7	49.8	49.9	50.0
≥ 20000	24.6	39.6	43.9	46.9	50.1	50.9	51.6	52.1	52.6	52.9	53.0	53.1	53.2	53.3	53.4	53.6
≥ 18000	24.6	39.6	43.9	47.0	50.2	51.0	51.7	52.2	52.7	53.0	53.1	53.2	53.3	53.4	53.6	53.7
> .9000	24.6	39.6	43.9	47.0	50.2	51.0	51.7	52.2	52.7	53.0	53.1	53.2	53.3	53.4	53.6	53.7
≥ 14000	24.6	39.9	44.2	47.3	50.7	51.4	52.1	52.7	53.1	53.4	53.6	53.7	53.8	53.9	54.0	54.1
≥ :2006	26.3	42.7	47.1	<u>50.3</u>	54.0	54.8	55.4	56.0	56.4	56.8	56.9	57.0	57.1	57.2	57.3	57.4
≥ 10000	27.8	44.9	49.4	53.4	57.1	58.0	58.7	59.2	59.7	60.0	60.1	60.2	60.3	60.4	60.6	60.7
≥ 9000	27.9	45.1	49.9	53.9	57.6	58.4	59.1	59.7	60.1	6C.4	60.6	60.7	60.8	60.9	61.0	61.1
≥ 8000	28.2	45.8	50.7	54.9	58.7	59.6	60.2	60.8	61.2	61.6	61.7	61.8	61.9	62.0	62.1	62.2
≥ 7000	28.6	46.2	51.1	55.4	59.2	60.1	60.9	61.4	61.9	62.2	62.3	62.4	62.6	62.7	62.8	62.9
≥ 6000	28.7	46.4	51.3	55.7	59.4	60.3	61.1	61.7	62.1	62.4	62.6	62.7	62.8	62.9	63.0	63.1
≥ 5000	28.8	46.7	51.7	56.0	59.8	60.7	61.4	62.0	62.4	62.8	62.9	63.0	63.1	63.2	63.3	63.4
≥ 4500	29.1	47.2	52.2	56.6	60.3	61.2	62.0	62.6	63.0	63.3	63.4	63.6	63.7	63.8	63.9	64.0
≥ 4000	29.1	47.2	52.2	56.6	60.4	61.3	62.1	62.7	63.1	63.4	63.6	63.7	63.8	63.9	64.D	64.1
≥ 3500	29.6	47.9	53.0	57.3	61.2	62.1	62.9	63.4	63.9	64.2	64.3	64.4	64.6	64.7	64.8	64.9
≥ 3000	29.9	48.4	53.8	58.2	62.1	63.0	63.9	64.4	64.9	65.3	65.6	65.7	65.8	65.9	66.0	66.1
≥ 2500	30.0	49.2	54.6	59.2	63.1	64.0	64.9	65.4	65.9	66.3	66.6	66.7	66.8	67.	67.1	67.2
≥ 2000	31.3	51.6	56.9	61.7	65.6	66.4	67.4	68.0	68.4	69.0	69.2	69.3	69.4	69.7	69.8	69.9
≥ 1800	31.8	52.4	57.8	62.6	66.4	67.3	68.4	69.0	69.4	70.0	70.2	70.3	70.4	70.7	70.8	70.9
≥ 1500	33.4	55.2	60.8	65.9	69.9	70.8	71.9	72.4	72.9	73.6	73.8	73.9	74.0	74.2	74.3	74.4
≥ 1200	34.7	58.0	64.3	69.4	73.8	74.7	75.9	76.6	77.0	77.7	77.9	78.0	78.1	78.3	78.4	78.6
≥ ,000	35.7	60.4	67.2	72.9	77.6	78.4	79.9	80.6	81.0	81.7	81.9	82.0	82.1	82.3	82.4	82.6
≥ 900	35.9	61.6	69.0	74.8	79.6	80.4	81.9	82.7	83.1	83.8	84.0	84.1	84.2	84.4	84.6	84.7
≥ 800	36.3	63.1	71.2	77.2	82.3	83.2	84.7	85.6	86.0	86.7	86.9	87.0	87.1	87.4	87.6	87.7
≥ 700	36.7	64.6	73.0	79.0	84.1	85.0	86.6	87.6	88.0	88.7	88.9	89.0	89.1	89.4	89.6	89.7
≥ 600	36.8	65.3	73.9	80.2	85.8	87.d	88.7	89.7	90.1	90.8	91.0	91.1	91.2	91.6	91.7	91.8
≥ 500	36.8	65.7	74.3	80.7	86.4	87.8	90.1	91.1	91.6	92.2	92.4	92.6	92.8	93.1	93.2	93.3
≥ 400	36.8	65.9	74.9	81.9	88.d	89.6	92.0	93.4	93.9	94.7	95.0	95.2	95.4	95.8	95.9	96.6
≥ 300	36.8	66.0	75.0	82.0	88.1	89.7	92.2	94.0	94.4	95.4	96.0	96.2	96.4	96.B	97.0	97.2
≥ 200	36.8	66.1	75.1	82.1	88.2	89.8	92.3	94.2	94.9	96.1	96.7	96.9	97.3	97.9	98.2	98.6
≥ 100	36.8	66.1	75.1	82.1	88.2	89.8	92.3	94.2	95.0	96.3	97.0	97.2	97.8	98.3	98.8	99.2
≥ 0	36.8	66.1	75.1	82.1	88.2	89.8	92.3	94.2	95.0	96.3	97.0	97.2	97.9	98.4	99.2	tco.cl

TOTAL NUMBER OF OBSERVATIONS ___

900



55.01

CEILING VERSUS VISIBILITY

159.4

BERGSTROM AFB TX

69,72-80

EP

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

U900-1100

CEILING							vi\$	BILITY ST	ATUTE MIL	ES						
(FEET)	≥ 1C	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1⁄:	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ 4:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	34 • 1 37 • 8	56.1	53.4 59.1	54 • 3 60 • 0			55.1 61.0	55.1 61.0	55.1 61.0	55.1 61.0	55.1 61.0	55.1 61.0	55.1 61.0	55.1 61.0	55.1 61.7	55.1 61.0
≥ 18000 ≥ 16000	37.8	56.2	59.2	60.1	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000 ≥ 12000	37.8 38.1	56.7	59.7	60.6	61.0	61.6	61.6	61.6	61.6	61.2	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	39.0 40.2	59.0 61.8		63.0	63.8		67.1	67.1	67.1	64.0 67.1	67.1	67.1	67.1	67.1	64.0 67.1	67.1
≥ 9000 ≥ 9000	40.4	63.3		66.4	67.2		67.4	67.4	67.4	67.4 69.2	67.4	67.4		67.4	67.4	67.4
≥ 7000	41.0 41.0	63.6	67.5	68.3	69.1		69.4	69.4	69.4 69.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000 ≥ 4500	41.7	63.9	67.8	68.8	69.6	69.9			69.9	69.9	69.9 70.8	69.9 70.8		69.9	69.9 70.8	69.9
₫ 400 0	41.7	64.6	68.6	69.9	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
≥ 3500 ≥ 3000	41.3	65.7	69.7	70.0	71.8	72.1		71.1	71.1	72.1	72.1	71.1	71.1	71.1	71.1	72.1
≥ 2500 ≥ 2000	43.1 45.2	67.9 72.0		73.3	74.1 78.6		74.4 78.9	74.4 78.9		74.4 78.9	74.4 78.9	74.4 78.9		74.4 78.9	74.4	74.4 78.9
≥ 1800 ≥ 1500	45.8 47.7	73.7	78.1 81.9	79.4 83.3	80.2 84.3			80.6 84.7		80.6 84.7	80.6	80.6		80.6 84.7	80.6 84.7	80.6 84.7
≥ 1200 ≥ 1000	48.3	79.7	84.8	86.4	87.4 91.1		88.0 91.7	88.2 91.9	88.2 91.9	88.3 92.2	88.3 92.2			88.3 92.2	88.3 92.2	88.3 92.2
≥ 900 ≥ 800	48.8	83.2	88.6	90.6	92.4	93.0	93.0	93.3		93.7	93.7 95.0	93.7	93.7	93.7 95.0	93.7 95.0	93.7
≥ 700 ≥ 600	49.0	84.7	90.2	92.3	94.4	95.0	95.0	95.3		95.7 97.4	95.7	95.7 97.4		95.7	95.7	95.7
≥ 500 ≥ 400	49.0	85.4	92.1	94.9	97.6	98.2	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	49.0	85.4	92.2	95.Q	97.8	98.4	98.7	99.1		99.8	99.8	99.6	99.8	99.6	99.6	99.6
≥ 100	49.0	85.4	92.2	95.0 95.0	97.8		98.8	99.3		99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	49.0	85.4	92.2	95.0	97.8	98.4	98.8	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



al .

CEILING VERSUS VISIBILITY

1 1974

BERGSTROM AFB TX

69,72-80

SEP

TATION STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CERING							VIS	IBILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥5	2 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1%	ا≾	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	42.8 50.2	59.3 69.6	611.2 70.4	60.2 70.4					60.2 70.4			60.2 70.4			60.2 70.4	1 : : 1
≥ 18000 ≥ 16000	50.2 50.2	69.8	70.7	70.7	• .	70.7 70.7	70•7 70•7	70.7 70.7	70.7			70.7			70.7 70.7	
≥ 14000 ≥ 12000	50.9 52.3	70.6 74.1	71.4	71.4 75.0		71.4 75.0	71.4 75.0	71.4 75.0	71.4 75.0			71.4			71.4 75.0	71.4 75.0
≥ 10000 ≥ 9000	53.2 53.3	76.7 76.8	77.7	77.7 77.8	-	77.7 77.8	77.7 77.8	77.7	77.7			77.7			77.7 77.8	77.7
≥ 8000 ≥ 7000	54.0 54.2	78.1 78.4	79.2 79.6	79.2 79.6		79.4 79.8	79.4		79.4		• • •	79.4 79.8		79.4 79.8	79.4 79.8	79.4 79.8
≥ 6000 ≥ 5000	54.3 55.0	78.8 79.8	79.9 81.5	79.9 81.0		80.1	80.1	80.1 81.2	80.1	80.1 81.2	80.1 81.2	80.1		80.1 81.2	80.1 81.2	80.1
≥ 4500 ≥ 4000	55.8 56.8	81.3	82.6 84.1	82.6 84.1	82.8 84.3	82.8 84.3	82 • 8 84 • 3		82.8 84.4			82.8 84.4		82.8 84.4	82.8 84.4	82.8 84.4
≥ 3500 ≥ 3000	58.4 59.0	85.6 86.7	86.8	86.9 88.4	87.1 88.7	87.2 88.8	87.2 88.8					87.3 88.9			87.3 88.9	87.3 88.9
≥ 2500 ≥ 2000	60.1 60.8	89.1 90.2	90.6	90.9 92.2		91.3 92.8	91.3 92.8		91.4 92.9			91.4 92.9		91.4 92.9	91.4 92.9	91.4 92.9
≥ 1800 ≥ 1500	61.3	90.9 92.1	92.7	93.0 94.3	93.3 94.7	93.6	93.6		93.8 95.2			93.8 95.2			93.8 95.2	
≥ 1200 ≥ 1000	61.9	93.2 93.9	95 • 1 96 • 0	95.7 96.7	96.0 97.0	96 • 3 97 • 3	96.3 97.3	96.7 97.7	96.7 97.7			96.8 97.9		96.8 97.9	96.8 97.9	96.8 97.9
≥ 900 ≥ 800	61.9	94.4	96.3 97.0	97.0 97.7	98.0	97.7 98.3	97.7 98.3		98.0 98.8		98.2 99.0		99.0	99.0		99.0
≥ 700 ≥ 600	61.9	94.4	97.0 97.2	97.8 98.1	98.4	98.4 98.8	98.4 98.5		99.1 99.6	99.8	99.8	99.8	99.8	99.8		99.8
≥ 500 ≥ 400	61.9	94.6	97.3	98.2 98.2	98.6	98.9 99.0			99.8	100.0	99.9 100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	61.9	94.6	97.3	98.2 98.2	98.6	99.0 99.0		99.7	99.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	61.9	94.6		98.2		99.0					100.0 100.0			+		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

2

CEILING VERSUS VISIBILITY

14. 4

BERGSTROM AFB TX

69,72-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE

1500-1700 HOURS (L.S.T.)

(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING ≥:0 > 5 ≥2% ≥ 3 >1% ≥1% ≥ 5/16 47.2 59.9 59.9 71.3 71.3 59.9 59.9 59.9 59.9 NO CEUNO 59.8 59.9 59.9 59.9 59.9 59.9 59.9 59.9 59.9 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.6 ≥ 18000 71.7 71.7 ≥ :6000 72.0 71.8 ≥ 14000 ≥ 12000 73.8 74.3 77.9 78.1 82.1 82.4 ≥ :0000 > 9000 82.2 82.6 ≥ 8000 ≥ 7000 6000 ≥ ≥ 5000 ≥ 4500 ≥ 4000 65.2 ≥ 3500 ≥ 3000 ≥ 2500 > 2000 96.4 96.9 96.9 97.0 97.1 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 ≥ 1500 1200 ≥ 67.8 1000 <u>≥</u> 800 96.3| 97.4| 98.2| 98.9| 98.9| 99.0| 99.2| 99.2| 99.3| 99.3| 99.3| 99.3| 99.3| 99.3| 99.3| 99.3| 67.8 700 ≥ ≥ 600 400 96.7 300 96.7 97.8 98.6 99.4 99.4 99.6 99.8 99.8 99.9100.0100.0100.0100.0100.0100.0 99.4 99.4 99.6 99.8 99.8 99.9100.0100.0100.0100.0100.0100.0

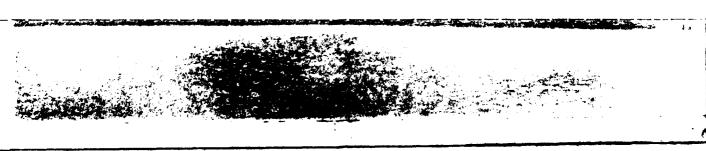
TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS POR

98.6

96.7

100



dia .

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18J0-2000

							VIS	BILITY ST.	ATUTE MIL	ES						
CEILING (FEET)				,									,			
(125.)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥1%	≥1%	≥١	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING	56.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	63.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	63.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	63.4	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	65.1	77.d	77.3	77.3	77.3	77.3	77.3	77.3	77.3	l	77.3	77.3	77.3		77.3	
≥:2000	67.4	81.2	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
0000°1 ≤	69.1	84.4	85.1	85.3	85.3	85.3			85.3		85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	69.2	84.7	85.3	85.6	85.6	85.6					85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	70.6	87.3	88.4	88.8	88.8				88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	70.8	87.6	88.7	89.0	89.0	89.0					89.0	89.0	89.0		89.C	89.0
≥ 6000	71.4	88.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	71.4	89.0	90.1	90.4	90.4	90.4			90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	71.6	89.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	71.9	90.d	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	72.5	91.0	92.6		92.9	92.9		93.0	93.0	93.C	93.0	93.0			93.0	93.0
≥ 3000	72.6	91.3	92.9	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	72.7	92.2	94.0	94.4	94.6	94.6			94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	72.9	92.9	94.7	95.2	95.4	95.4		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	73.4	93.6	95.3	95.9	96.1	96.1	96.3	96.3	96.3		96.3	96.3			96.3	96.3
≥ 1500	73.6	93.8	95.8	96.3	96.7	96.7	96.9	96.9	97.0		97.C	97.0			97.0	97.0
≥ 1200	73.9	94.9	97.1	97.7	98.0	98.0		98.2	98.3	98.3	98.3	98.3			98.3	98.3
≥ 000	73.9	95.2	97.4		98.3	98.3	98.6	98.7	98.8	98.8	98.8	98.8		98.8	98.8	98.8
≥ 900	74.3	95.3	97.6		98.4	98.4		98.8	98.9		98.9	98.9	98.9		98.9	98.9
≥ 800	74.0	95.4	97.7	98.2	98.6	98.6	98.8	98.9	99.0		99.0	99.0		• .		99.0
≥ 700	74.1	95.7	97.9		98.9	98.9		99.2	99.3		99.3	99.3				99.3
≥ 600	74.1	95.7	97.9		99.0	99.0	99.2	99.3	99.4		99.4	99.4		99.4	99.4	99.4
≥ 500	74.1	95.7	97.9		99.2	99.2		99.7	99.8		99.8	99.8			99.8	99.6
≥ 400	74.1	95.7	97.9		99.3	99.3	99.6			100.0		-				
≥ 300	74.1	95.7	97.9		99.3	99.3	99.6			100.0						
≥ 200	74.1	95.7	97.9		99.3	99.3	99.6			100.0						
-	74.1	95.7	97.9		99.3	99.3	99.6			100.0						
≥ 100	74.1	95.7	97.9		99.3	99.3	99.6			100.0						
	1704	7301	7107	70 0 1	77.93	7703	77.0	7780	+00.0					2000	.00.0	- Just

TOTAL NUMBER OF OBSERVATIONS __

900



CEILING VERSUS VISIBILITY

139 4

BERGSTROM AFB TX

69,72-80

SEP

STATION

ATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

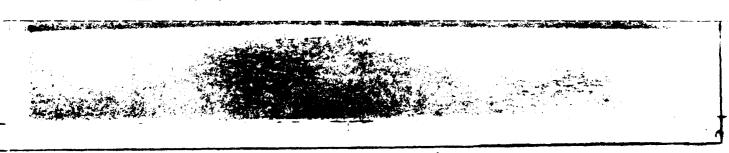
MONTH 210-2300 HOURS (L.S.T.)

ı																
CEILING							VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥21/.	≥ 2	≥1%	≥1%	≥1	≥ 1⁄4	≥ %	≥ %:	≥ 5/16	≥ ¼	≥c
NO CEILING	63.7	79.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	69.3	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	69.3	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	69.3	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	70.4	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ :2000	72.3	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	74.6	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	74.8	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	76.1	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	76.4	<u>86.0</u>	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	77.1	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	0.88	88.0	88.0	88.0	88.0	88.0
≥ 5000	77.2	87.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	77.3	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	77.9	88.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	78.2	88.7	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	78.8	89.3	90.1	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	78.9	89.9	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	79.7	91.4	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ +800	80.3	92.3	93.1	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	80.8	92.9	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	81.2	93.9	94.9	95.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.0
≥ 1000	81.6	94.8	95.8	96.1	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.C
≥ 900	81.8	95.0	96.0	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	82.0	95.4	96.4	96.8	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	82.6	96.0	97.0	97.4	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	82.6	96.3	97.4	97.9	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	82.6	96.3	97.4	97.9	98.8	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	82.6	96.4	97.6	98.1	99.1		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥ 300	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	00.0	00.0	100.0
≥ 200	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥ 100	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	00.0	100.0	00.0
2 0	82.6	96.4	97.6	98.1	99.1	99.3		99.9	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS __

900

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69,72-80

SEP

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

HOURS (L.S.T.)

CEIUNG	1	* ** *		_			V15	IBILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	45.7	57.8	1	59.8			60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	63.7	8.00
	50.3	63.9		66.2					67.2	67.2	67.2	67.3		67.3		
≥ 18000 ≥ 16000	50.4	64.1	65.6	66.3	66.9		67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
= 6000	50.4		65.7	66.4	67.0			67.3	67.4	67.5	67.5	67.5	67.5	67.5		67.6
≥ 14000	51.2	65.1	66.6	67.3	68.0	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ :2000	52.9	68.2		70.5	71.1	71.3		71.5	71.6		71.6	71.6	71.6	71.7	71.7	71.7
≥ 10000	54 • 6	_			74.2	·	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	54.7	71.1	72.8	73.7	74.4			74.7	74.8	74.8	74.9	74.9	74.9	74.9		74.9
≥ 8000	55.4	72.6	74.5	75.5	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
≥ 7000	55.6	72.9	74.8	75.8	76.5	76.6	76.7	76.8	76.9	77.0	77.0		77.0	77.0		77.0
≥ 6000	55.9	73.4	75.4	76.3	77.0	77.2	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	56.3	74.1	76.0	77.0	77.7	77.9	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 4500	56.7	74.7	76.7	77.8	78.4	78.6	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	57.0	75.3	77.4	78.4	79.1	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 3500	57.5	76.2	78.3	79.3	83.1	80.3	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 3000	58.0	77.1	79.3	80.5	81.3	81.5	81.6	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0
≥ 2500	58.4	78.4	80.6	81.9	82.7	82.9	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5
≥ 2000	59.4	80.2	82.5	83.8	84.7	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 1800	59.8	81.0	83.3	84.7	85.6	85.8	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4
≥ 1500	60.1	82.6	85.d	86.4	87.4	87.6	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1200	61.8	84.8	87.5	89.0	90.0	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ :000	62.3	86.2	89.1	90.7	91.9	92.2	92.5	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 900	62.7	87.0	90.0	91.7	92.9	93.2	93.5	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 800	62.9	87.9	91.1	92.7	94.0		94.6	94.9	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 700	63.1	88.5	91.9	93.6	95.0		95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 600	63.2	89.1	92.6	94.6	96.0		96.8	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 500	63.2	89.3	92.9	95.0	96.6		97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 400	63.2	89.4	93.2	95.4	97.1	97.6	98.3	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	63.2	89.5	93.3	95.5	97.2	97.7	98.4	98.9	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 200	63.2	89.5	93.3	95.5				99.0		99.4	99.5	99.5	99.6	99.6	99.7	99.7
> 100	63.2	89.5	93.3	95.5			98.5	99.0		99.5	99.6	99.6	99.7	99.8	99.8	99.9
≥ 0	63.2	89.5	93.3	95.5		97.8		99.0		99.5		99.6	99.7	99.8		ina c
	77.9	0,00	1 7 7 8 4	,,,,,	/	, , , , ,	,,,,,	,,,,		.,,,,		,,,,		,,,,,	,,,,	

TOTAL NUMBER OF OBSERVATIONS ____

7200

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCLETE

CEILING VERSUS VISIBILITY

17704

BERGSTROM AFB TX

69,72-80

100

TATION STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 Hours (L.S.T.)

							VIS	BILITY ST	ATUTE MIL	ES						
(FEE [†])	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ %	≥0
NO CEILING	59.8	65.6	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	60.5	66.9	67.7	68.1	68.2	68.2	68.2		68.2	68.2	68.2	68.2	68.2	68.2	68.2	
≥ 18000	60.5	66.9	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	63.5	66.9	67.7	68.1	68.2	68.2	68.2		68 • 2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	60.8	67.1	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68 - 4	68.4	68.4	68.4	68.4	68.4
≥ 12000	62.3	68.6	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	64.5	71.0	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	64.5	71.3	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	65.5	72.3	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	66.6	73.4	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9		74.9
≥ 6000	67.1	74.0	75 • 1	75 • 4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	67.5	74.4	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	68.7	75.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	69.	76.3	77.4	77.7	78.2	78.2	78.2	78.2	78 • 2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	69.7	77.3	78.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	70.3	78.5	79.6	79.9	83.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	71.3	80.0	81.1	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	72.8	83.0	84.2	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	73.3	84.0	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	75 • 5	86.9	88.4	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	76.5	89.2	90.8	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ ;000	77.7	91.5	93.2	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	78.3	91.9	93.9	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	78.5	93.1	95.2	95.7	96.1	96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	78.5	93.4	95.5	96.3	97.2	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 600]	78.5	93.4	95.6	96.5	97.4	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 500	78.5	93.4	95.6	96.5	97.4	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
. ≥ 400	78.5	93.7	95.9	97.0	98.1	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
≥ 300	78.5	93.8	96.0	97.1	98.2	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 200	78.5	93.9	96.2	97.3	98.4	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	78.5	93.9	96.2	97.3	98.4	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	100.0
≥ 0	78.5	93.9	96.2	97.3	98.4	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	teo.c

TOTAL NUMBER OF OBSERVATIONS __

93

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



41.

CEILING VERSUS VISIBILITY

13974 BERGSTROM AFB TX

69,72-80

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.300-050c

CEILING		-	-				vis	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ 1⁄4	≥ c
NO CEILING ≥ 20000	49.6 50.3	55.6 56.6		57.3 58.3	58.0 58.9		58.2 59.1	58.3 59.2	58 • 3 59 • 2	58.3 59.2	58.3 59.2	58.3 59.2	58.3 59.2	58.3 59.2	58.4 59.4	58.4 59.4
≥ 18000 ≥ 18000	50.3	56.6	57.5	58.3	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4
≥ 14000	50.3	56.6		58.3	58.9 59.2		59.1 59.5	59.2	59.6	59.2	59.2	59.2	59.6	59.2	59.4	59.4
≥ :2006	51.3	57.7	58.7	59.5	60.1	60.2	60.3		60.4	60.4	60.4	60.4	60.4	60.4	60.5	
00001 ≤	54 • 1 54 • 2	60.8		62.6	63.2	63.3	63.4	63.5 63.8	63.5	63.5 63.8	63.5 63.8	63.5 63.8		63.5 63.8	63.7	
≥ 8000	55.1	62.2		64.0	64.6		64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	63.9	
≥ 7000	5 5.7	63.4		65.3	65.7	65.8 66.0	65.9	66.2	66.0	66.0	66.2	66.0		66.0 66.2	66.3	66.3
≥ 5000	56.9	64.7	65.8	66.6	67.2			67.5		67.5	67.5	67.5		67.5		
≥ 4500 ≥ 4000	57.5 58.2	65.6	66.7	67.4	68.1 68.9		68 · 3	68.4 69.2	68.4 69.5	68.4 69.5	68.4	68.4	68.4	68.4	68.5	68.5
≥ 3500	58.7	67.5		69.4	73.0	70.1	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 3000	62.3	72.7	70.5	71.3	71.9	72.0	72.2	72.3	72.5	72.5	72.5	72.5 76.0		72.5	72.6	72.6
≥ 2500 ≥ 2000	64.6	76.0	77.5	78.4	79.0	75.6 79.1	79.2	75.8 79.4	76.0 79.6	76.0 79.7	76.C	79.7	76.0 79.7	76.0 79.7	76 • 1 79 • 8	76.1
≥ 1800 ≥ 1500	65.3 67.8	77.1	78.6 81.4	79.6	80.3	80.4 83.2	80.6	80.8 83.5	81.7	81.1	81.1 83.9	81.1	81.1	81.1	81.2 34.0	81.2
≥ 1200	69.1	82.4	84.1	85.5	86.5	86.6	86.8	87.0	87.2	87.3	87.3	87.3		87.3	87.4	87.4
≥ ,000	70.d	84.3	86.1	87.7	88.7	88.8	89.0	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 900 ≥ 800	70.2 70.3	85.1	87.1	88.7	99.7	89.8	90.0	90.2	90.4 91.7	90.5 91.8	90.5	90.5 91.8	90.5	90.5	90.6 91.9	90.6 91.9
≥ 700 ≥ 600	70.4	86.1	88.4	90.3	91.5	91.7	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.5
≥ 500	70.6	86.7	89.2	91.4	92.7	92.9	93.3	94.2	94.4	94.5	95.9	95.9	94.6	94.6	94.7	94.7
≥ 400	70.6	87.2	90.2	92.6	94.4		95.3	96.5	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 300 ≥ 200	70.6	87.3	90.4	93.0	94.9	95.6 95.8	96.0	97.3 98.0	97.6	97.7	97.8 98.6	97.8 98.6	98.0 98.8	98.3 98.8	98.1 98.9	98.1 98.9
> 100	73.6	87.3	90.4	93.0	95.1		96.3	98.0	98.4	98.5	98.6	98.6	99.1	99.1	99.4	99.6
≥ 0	70.6	87.3	93.4	93.0	95.1	95.8	96.3	98.0	98.4	98.5	19.6	98.6	99.1	99.1	99.4	100.5

TOTAL NUMBER OF OBSERVATIONS __



CEILING VERSUS VISIBILITY

17974

BERGSTROM AFB TX

69,72-80

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J600-0800

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ । %	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ′₄	≥0
NO CEILING	35.3	45.1	47.1	48.1	49.0	49.1	49.6	49.9	49.9	50.4	50.6	50.6	50.6	50.8	50.9	51.1
≥ 20000	36.6	46.7	48.8	49.9	50.9	51.0	51.4	51.7	51.7	52.3	52.5	52.5	52.5	52.6	52.7	52.9
≥ 18000	36.7	46.8	48.9	50 ∙ 0	51.0	5.1.1	51.5	51.8	51.8	52.4	52.6	52.6	52.6	52.7	52.8	53.0
≥ 16000	36.7	46.8	48.9	50.0	51.0	51.1	51.5	51.8	51.8	52.4	52.6	52.6	52.6	52.7	52.8	53.0
≥ 14000	36.8	46.9	49.0	50.1	51.1	51.2	51.6	51.9	51.9	52.5	52.7	52.7	52.7	52.8	52.9	53.1
≥ :2000	37.6	48.3	50.4	51.5	52.5	52.6	53.4	53.8	53.8	54.3	54.5	54.5	54.5	54.6	54.7	54.9
> 10000	40.0	51.5	53.9	55.6	56.6	56.7	57.5	57.8	57.8	58.4	58.6	58.6	58.6	58.7	58.8	59.0
≥ 9000	40.3	51.9	54.3	56.0	57.0	57.1	58.0	58.3	58.3	58.8	59.0	59.0	59.0	59.1	59.2	59.5
≥ 8000	40.8	53.0	55.5	57.2	58.2	58.3	59.1	59.5	59.5	60.0	60.2	60.2	60.2	60.3	60.4	60.6
≥ 7000	41.4	54.1	56.7	58.4	59.4	59.5	60.3	60.8	60.8	61.3	61.5	61.5	61.5	61.6	61.7	61.9
≥ 6000	41.8	54.5	57.2	59.1	60.3	60.4	61.3	61.7	61.7	62.3	62.5	62.5	62.5	62.6	62.7	62.9
≥ 5000	42.6	55.5	58.2	63.1	61.3	61.4	62.3	62.7	62.7	63.2	63.4	63.4	63.4	63.5	63.7	63.9
≥ 4500	43.3	56.5	59.1	61.1	62.3	62.4	63.2	63.7	63.7	64.2	64.4	64.4	64.4	64.5	64.6	64.8
≥ 4000	43.5	57.0	59.8	61.8	63.0	63.1	64.1	64.5	64.6	65.2	65.4	65.4	65.4	65.5	65.6	65.8
≥ 3 50 0	44.1	56.1	61.1	63.1	64.4	64.6	65.6	66.0	66.1	66.7	66.9	66.9	66.9	67.0	67.1	67.3
≥ 3000	44.7	59.1	62.3	64.3	65.6	65.8	66.8	67.2	67.3	67.8	68.1	68.1	68.1	68.2	68.3	68.5
≥ 2500	46.1	61.3	64.8	67.0	68.3	68.5	69.5	69.9	70.0	70.5	70.8	70.8	70.8	70.9	71.0	71.2
≥ 2000	48.3	64. a	67.7	69.9	71.5	71.7	72.8	73.4	73.5	74.1	74.3	74.3	74.3	74.4	74.5	74.7
≥ 1800	48.7	64.7	68.9	71.1	72.7	72.9	74.0	74.6	74.7	75.3	75.5	75.5	75.5	75.6	75.7	75.9
≥ 1500	50.3	66.9	71.3	73.5	75.6	75.9	77.0	77.6	77.7	78.4	78.6	78.6	78.6	78.7	78.8	79.
≥ 1200	51.1	69.6	74.0	76.3	78.4	78.8	79.9	80.5	80.6	81.3	81.6	81.6	81.6	81.7	81.8	82.C
≥ ⊹000	51.5	71.3	76.2	78.6	80.8	81.2	82.4	83.1	83.2	83.9	84.2	84.2	84.2	84.3	84.4	84.6
≥ 900	51.5	72.7	77.6	80.1	82.3	82.7	84 . D	84.7	84.8	85.5	85.8	85.8	85.8	85.9	86.0	86.2
≥ 800	51.7	73.3	78.9	81.6	83.8	84.3	85.6	86.3	86.5	87.1	87.4	87.4	87.4	87.5	87.6	87.8
≥ 700	52.1	74.2	79.9	82.6	85.1	85.6	87.0	87.8	88.0	88.6	88.9	88.9	88.9	89.0	89.1	89.4
≥ 600	52.4	74.7	80.9	83.8	86.3	87.3	88.8	89.7	89.8	90.4	90.8	90.8	93.8	90.9	91.0	91.2
≥ 500	52.6	75.3	81.5	84.5	87.6	88.6		91.4	91.5	92.3	92.6	92.6	92.7	92.8	92.9	93.2
≥ 400	52.6	75.4	81.6	84.8	88.3	89.5	91.2	92.7	92.9	93.8	94.1	94.1	94.2	94.3	94.4	94.8
≥ 300	52.6	75.4	81.7	85.1	88.6	90.0	91.9	93.7	94.1	95.1	95.8	95.9	96.2	96.3	96.5	96.9
≥ 200	52.6	75.4	81.7	85.1	88.6	90.0	1	1	94.3	95.3	96.1	96.2	96.8	97.0	97.1	97.8
> 100	52.6	75.4	81.7	85.1	88.6	90.0	1	93.8	94.3	95.3	96.1	96.5		97.4	97.8	99.
≥ 0	52.6	7	81.7	85.1	88.6			93.8					97.1			
<u> </u>	72.4				3334		, 2 00	,,,,,		,,,,,,	,,,,,,	,,,,,		· • • •	7001	

TOTAL NUMBER OF OBSERVATIONS _____

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET



- 11

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

907-110)

THE NG							V1\$	BILITY ST	ATUTE MIL	ES						
(FEET)	≥ :0	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1¼	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	40.5 42.6		54.1 56.9	54.4 57.2	54.6 57.4		54.7 57.6	54.7 57.6	54.7 57.6	54.7 57.6	54.7 57.6	54.7 57.6	54.7 57.6	54.7 57.6	54.7 57.6	54.7 5 7. 6
≥ 18000 ≥ :6000	42.9 42.8	56.6 56.6		57.4 57.4	57.6 57.6		57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.6
≥ 14000 ≥ :2000	43.3	56.9 58.8			58.0 60.2		58.2 60.4	58.2 60.4	58.2 60.4	58.2 60.4	58.2 60.4	58.2 60.4	58.2 60.4	58.2 60.4	58.2 60.4	58.2 50.4
20000 ≤	45.8 46.1	62.4) 1	63.3 63.7	63.8	63.9 64.2	64.5 64.3	64.0 64.3	64.3	64.5 64.3	64.3	64.D	64.3	64.0 64.3	64.0 64.3	64.0 64.3
≥ 8000 ≥ 7000	47.3 48.1	64.7	66.0 67.2	66.6	67.0	67.1 68.3	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4	67.2 68.4
≥ 6000 ≥ 5000	48.2 48.7	66.2	1 1	68.3 69.4	68.7	68.9 70.0	69.0 70.2	69.0 70.2	69.0 70.2	69.0 70.2	69.0 70.2	69.0 70.2	69.3 70.2	69.0 70.2	69.C 70.2	69.1 70.2
≥ 4500 ≥ 4000	49.5	68.4	70.0 70.8	70.5 71.3	71.0	71.2 71.9	71.4 72.2	71.4 72.2	71.4	71.4 72.2	71.4	71.4 72.2	71 • 4 72 • 2	71.4 72.2	71.4 72.2	71.4
≥ 3500 ≥ 3000	50.5 51.7	70.2 72.0	1 I	72.5 74.4	72.9 74.9	73.1 75.3	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5
≥ 2500 ≥ 2000	53.0 54.7	74.8 78.6	81.3	77.6 81.8	78.2 82.4	78.5 82.7	78.8 83.0	78.8 83.0	78 • 8 83 • 0	78 • 8 83 • U	78.8 83.0	78.8 83.0	78.8 83.0	78.8 83.0	78.8 83.0	78.8 83.0
≥ 1800 ≥ 1500	55.4 56.5	79.9	85.2	85.9	83.8 86.6	86.9	84.4 87.3	84.4	84.4 87.3	84.4 87.3	84.4 87.3	84.4 87.3	84.4 87.3	84.4 87.3	84.4	34.4 87.3
≥ 1200 ≥ .000	57.4 57.8	85.1 86.1	88.5 89.8	89.5 90.8	90.2 91.7	90.5 92.0	91.0 92.3	91.0 92.6	91.0 92.6	91.0 92.6	91.0 92.6	91.0 92.6	91.0 92.6	91.0 92.6	91.0 92.6	92.6
≥ 900 ≥ 800	58 • 1 58 • 2	86.9 87.2	91.2	92.5	92.9 94.1	93.3 94.5	93.8 94.9	93.9 95.1	93.º 95.2	94.0 95.3	94.0 95.3	94 • 0 95 • 3	94.0	94.0 95.3	94.0 95.3	94.0 95.3
≥ 700 ≥ 600	58.4 58.4	87.6 87.6	91.6	93.1 93.2	94.9 95.5		95.9 96.5	96.0 96.6	96.1 96.7	96.2 96.8	96.8	96.2 96.8	96 • 2 96 • 8	96.2 96.8	96.2 96.8	96.2 96.8
≥ 500 ≥ 400	58.4 58.4	87.8 87.8	92.5	94.0 94.3	96.3 96.8		97.4 98.1	97.5 98.2	97.6 98.5	97.7 99.2	97.8 99.5	97.8 99.5	97.8 99.5	97.8 99.5	97.8 99.5	97.8 99.5
≥ 300 ≥ 200	58.4	87.8	92.5	94.3	96.8	97.3	98.1 98.1	98.2 98.2	98.5 98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	58.4 58.4	87.8 87.8		94.3	96.8	97.3	98.1 98.1	98.2 98.2	98.5 98.5			99.7	99.7	99.9	99.9	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

OCT

1290-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEIUNG							VIS	BILITY ST.	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/.	≥ 2	≥ ; ½	≥1%	≥۱	≥ 1⁄4	≥%	≥ ٧;	≥ 5/16	≥ ¼	≥c
NO CEILING	51.2	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	54.7	65.7	65.8	66.0	66.0	66.0	66.D	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.C
≥ 18000	54.9	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ :6000	54.9	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66 • 3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	o5•2	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ :2000	56.6	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	60.5
≥ 10000	59.5	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.0
≥ 9000	59.6	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	60.6	74.3	74.6	74 - 8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	61.4	76.0	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3	77.0	77.0
≥ 6000	61.6	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	62.2	77.8	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	63.4	79.4	80.2	80.5	80.5	80.5	8. • 5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	64.7	81.6	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	66.3	83.5	84.5	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	68.1	36.2	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	69.1	E8.6	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	70.Q	90.1	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ '800	70.9	91.4	92.8	93.5	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	71 • 4	92.5	94.2	94.9	95.2	95.2	95.2	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	71.9	93.5	95.3	96.0	96.2	96.2	96.2	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ ,000	72.3	94.2	96.0	96.9	97.1	97.1	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	72.3	94.3	96.1	97.0	97.2	97.3	97.4	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.C	98.0
≥ 800	72.3	94.6	96.7	97.5	97.8	98.0	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	72.3	94.9	97.0	97.8	98.3	98.4	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	72.4	95.1	97.2	98.1	98.5	98.6	98.7	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	72.4	95.1	97.3	98.2	98.6	98.7	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	00.0	100.0	00.0
≥ 200	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	00.0
> 100	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.C	00.0	00.0
≥ 0	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	00.0	0.00	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69,72-80

DOT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILING		_					vi\$	IBILITY ST.	ATUTE MILI	E S						_
(FEE*)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ %	≥ %	≥ 4;	≥ 5/16	<u>\</u>	≥0
NO CEILING ≥ 20000	59.5 65.1											66.5 73.2			66.5 73.2	66.5 73.2
≥ 18000 ≥ 16000	65.3 65.3	73.4 73.4		73.4 73.4							73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4	73.4 73.4
≥ 14000 ≥ 12000	65.4 65.8										73.8 74.5	73.8 74.5		73.8 74.5	73.8 74.5	73.8 74.5
2 70000 ≤	68.6	77.4	77.6	77.6 78.1	77.6		77.6 78.1			77.6	77.6 78.1			77.6 78.1	77.6 78.1	77.6 78.1
≥ 8000 ≥ 7000	71.9	82.4	82.9			82.9	82.9	82.9	82.9	82.9	82.9 84.7		82.9	82.9	82.9	82.9
≥ 6000 ≥ 5000	73.7	84.9	85.6		85.7	85.7	85.7	85.7	85.7	85.7	85.7 87.5	85.7		85.7	85.7 87.5	85.7
≥ 4500 ± 4000	77.1	89.1	89.9		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500 ≥ 3006	78 • 1 78 • 3	90.9	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0			92.0		92.0 92.9	
≥ 2500 ≥ 2000	78.6 78.9	92.3	93.4		93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ '800 ≥ 1500	79.5	94.2	95.5		96.0	96.1	96.3	96.3	96.3	96.3			96.3	96.3	96.5 97.3	96.5
≥ +200 ≥ -000	79.8		96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 900 ≥ 800	80.1	95.9	97.4	97.8	98.1		98.4			98.5		98.5		98.5 99.1	98.6	98.5
≥ 700 ≥ 600	80.1	96.5 96.5	98.4	98.8	99.2	99.4	99.6	99.7	99.7	99.7		99.7	99.7	99.7		99.8
≥ 500 ≥ 400	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	00.0
≥ 300 ≥ 200	80.1	96.5	98.4	99.0	99.5		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	00.0
≥ 100 ≥ 0	80 · 1	96.5	98.4		99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9		00.5

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

PERCENTAGE FREQUENCY OF OCCURRENCE

1800-2000 (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEETN	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄:	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ %:	≥ 5/16	≥ 1/4	≥o
NO CEILING ≥ 20000	69.4 73.3	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5	72.2 76.5
≥ 18000 ≥ 16000	73.3 73.3	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5
≥ 14000 ≥ :2000	73.5 74.9	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1	76.7 78.1
≥ 10000 ≥ 9000	78.1 78.4	81.3		81.3 81.6	81.3 81.6	81.6	81.3		81.3	81.3 81.6	81.3 81.6	81.3	81.3	81.6	81.6	81.3 81.6
≥ 8000 ≥ 7000	80.2	84.5 85.3		84.7 85.6	84.7	84.7 85.6	84.7 85.6	84.7 85.6				84.7	84.7	84.7		
≥ 6000 ≥ 5000	81.1	86.6	86.9	86.9 87.8	86.9		86.9 87.8	86.9 87.8	86.9 87.8	86.9	86.9	86.9 87.8		86.9 87.8	86.9	86.9
≥ 4500 ≥ 4000	82.9	89.8		89.6 90.5	89.6 90.5	90.5	89.6 90.5	90.5		89.6 90.5	89.6 90.5	89.6 90.5		89.6 90.5		89.6 90.5
≥ 3500 ≥ 3000	83.9	90.8	91.6 92.2 92.9	91.7 92.3 93.1	91.7	91.7	91.7				91.8 92.4	91.8	91.8	91.8	91.8 92.4 93.3	91.8
≥ 2500 ≥ 2000	84 • 6 85 • 4	91.9 93.1 93.5	94.1	94.3	93.1	93.2 94.5	93.2	93.2 94.5	93.2	93.3 94.6 95.1	94.6 95.1	93.3 94.6 95.1	93.3 94.6 95.1	93.3 94.6 95.1	94.6 95.1	93.3 94.6 95.1
≥ 1800 ≥ 1500 ≥ 1200	85.9	94.5	95.5	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3 97.0	96.3	96.3	96.3
≥ ,000	86.5	95.4	96.7	96.9	97.1	97.3	97.3	97.4	97.4	97.5	97.5 97.8	97.5	97.6 98.0	97.6 98.0	97.6 98.0	97.6
≥ 800	86.5	96.1	97.6	98.2	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	86.5	96.5	97.8	98.6	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	86.5	96.6	98.1	98.8	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	86.5 86.5	96.6	98.1 98.1	98.8	99.1	99.4	99.5	99.6		-	99.9			100.0	100.0	100.0
≥ 0	86.5	96.6	98.1	98.8	99.1	99.4	99.5	99.6	99.8	99.9	99.9			100.0		

TOTAL NUMBER OF OBSERVATIONS ___

930



CEILING VERSUS VISIBILITY

13974

BERGSTROM AFB TX

69,72-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

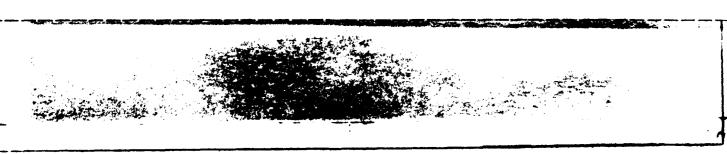
2100-2300 HOURE (L.S.T.)

CEILING							VIS	BILLTY ST	ATUTE MIL	ES						
(#867)	≥ 10	≥6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	21%	≥1	≥ ¾	≥ %	≥ %:	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	72.7 74.3	74.3 75.9	74.3 75.9	74 • 3 75 • 9	74.3 75.9			74.3 75.9	74.3		74.3 75.9	74.3 75.9		74.3 75.9	74.3 75.9	74.3 75.9
5 .9000 ≥ 18000	74.4 74.4	76.0 76.0		76.0	76.0 76.0	76.0 76.0	2.7	76.0 76.0	76.0 76.0		76.0 76.0	76.0 76.0				76.0 76.0
≥ 14000 ≥ 12000	74.5 75.7	76.1	76.1 77.3	76.1	76.1 77.3	76.1 77.3	76.1 77.3	76.1 77.3	76.1 77.3	76.1 77.3	76.1 77.3	76.1 77.3	76.1 77.3			76.1 77.3
20000 ≤	77.6 77.8		_ 1	79.2 79.7	79.2 79.7			79.2 79.7	79.2 79.7	79.2 79.7	79.2 79.7	79.2 79.7				79.2 79.7
≥ 8000 ≥ 7000	78.8 79.9			81.2 82.6	81.2			81.2 82.6	81.2	81.2	81.2 82.6	81.2 82.6	81.2	81.2	81.2	81.2 82.6
≥ 6000 ≥ 5000	80.1 81.2	83.0 84.5		83.0 84.5	83.0			83.1	83.1	83.1 84.6	83.1	83.1	83.1 84.6	83.1 84.6	83.1 84.6	83.1
≥ 4500 ≥ 4000	81.9	85.4 86.5	85.5	85.5	85.5 86.7	85.5		85.6 86.8	85.6	85.6 86.8	85.6 86.8	85.6	85.6 86.8	85.6 86.8	85.6 86.8	85.6
≥ 3500 ≥ 3000	83.0 83.3	86.9 87.7	87.0 88.0	87.2 88.2	87.3	87.3		87.4 88.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4 88.4	87.4 88.4
≥ 2500 ≥ 2000	84.2 84.6	89.5 90.2		90.0	90.1		90.2 91.1	90.2	90.2	90.2 91.1	90.2 91.1	90.2	90.2	90.2 91.1	90.2 91.1	90.2
≥ 1800 ≥ 1500	85.3 86.3	91.0		91.7	91.8		91.9	91.9	91.9		91.9	91.9	91.9		91.9 93.4	91.9
≥ 1200 ≥ 1000	87.3	93.9		94.9	95.3	95.3	95.4	95.4	95.4 96.2		95.4	95.4	95.4 96.2	95.4	95.4 96.2	95.4
≥ 900 ≥ 800	87.7 87.7	95.5	96.2	96.7	97.2 98.0		97.3	97.3 98.2	97.3	97.3	97.3 98.2	97.3	97.3 98.2		97.3 98.2	97.3 98.2
≥ 700 ≥ 600	87.1 87.7	96.1	97.0 97.1	97.5	98.2		98.4	98.4 98.5	98.4	98.4 98.5	98.4	98.4	98.4 98.5	98.4 98.5	98.4 98.5	98.4
≥ 500 ≥ 400	87.7 87.7	96.3	97.4	98.0 98.3	98.7	98.7	98.9 99.2	98.9	98.9	98.9 99.2	98.9	98.9	98.9	98.9 99.2	98.9	98.9
≥ 300 ≥ 200	87.7 87.7	96.8	1	98.4	99.1			99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100 ≥ 0	87.7 87.7	96.8	1	98.4	99.1			99.5 99.5	99.7	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.8	99.8 99.9	99.6 LDD.C

TOTAL NUMBER OF OBSERVATIONS ___

936

USAF ETAC JUL 45 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



chi .

CEILING VERSUS VISIBILITY

13934 STATION

BERGSTROM AFB TX

69,72-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE

ALL HOURS (L.S.T.)

(FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	E S						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ %:	≥ 5/16	≥ 1/4	≥c
NO CEILING ≥ 20000	54.7 57.2	61.8	62.3 65.3	62.7 65.6	62.9 65.9	62.9 65.9	63.0 66.0	63.1 66.0	63.1 66.0	63.1	63.2 66.1	63.2 66.1	63.2 66.1	63.2	63.2 66.2	63.2 66.2
≥ 18000 ≥ 16000	57.3 57.3	64.8	65.4	65.8 65.8	66.0 66.0	66.0 66.0	66.1 66.1	66.2	66.2	66.2 66.2	66.3	66.3	66.3	66.3	66.3 66.3	66.3
≥ 14000 ≥ 12000	57.5 58.6	65.1 66.4	65.6 67.0	66.0 67.4	66.2	66.3	66.3 67.8	66.4	66.4	66.5 67.9	66.5 68.0	66.5 68.0	66.5 68.0	66.5 68.0	66.5 68.3	66.6 68.5
≥ 10000 ≥ 9000	61.0 61.3	69.4 69.7	70.1 70.4	70.5 70.8	70.8 71.1	70.8 71.1	70.9 71.3	71.0 71.3	71.0 71.3	71.1 71.4	71.1 71.4	71.1 71.4	71.1 71.4	71-1 71-4	71.1 71.5	71.2 71.5
≥ 8000 ≥ 7000	62.5 63.3	71.8 73.1	72.7 74.0	73.1 74.5	73.4 74.8	73.4 74.8	73.6 74.9	73.6 75.0	73.6 75.0	73.7 75.1	73.7 75.1	73.7 75.1	73.7 75.1	73.7 75.1	73.8 75.1	73.8 75.2
≥ 6000 ≥ 5000	63.7 64.5	73.6 74.8	74.6 75.8	75 • 1 76 • 3	75.4 76.6	75.5 76.7	75.6 76.8	75.7 76.9	75.7 76.9	75.8 77.0	75.8 77.0	75.8 77.0	75.8 77.0	75.8 77.3	75.8 77.0	75.9 77.1
≥ 4500 ≥ 4000	65 • 6 6 6 • 2	76.2 77.2	77.2 78.3	78.8	78.1 79.2	78.1 79.2	78.3 79.4	78.3 79.5	78.3 79.5	78.4 79.6	78.4 79.6	78.4 79.6	78.4 79.6	78.4 79.6	78.5 79.7	78.5 79.7
≥ 3500 ≥ 3000	66.8 67.6	78.1 79.5	79.4 80.8		80.3	80.4 81.9	80.6 82.0	80.6 82.1	80.7 82.1	80.8 82.2	80.8 82.3	80.8	80.8 82.3	80.8 82.3	80.5 82.3	8C.9 82.3
≥ 2500 ≥ 2000	68.7 69.9	81.4	82.8 85.2	83.5 85.9	83.9 86.4	84.0	84.2 86.7	84.3	84.4	84.4	84.5 87.0		84.5 87.0	84.5 87.0	84.5 87.0	84.6 87.0
≥ 1800 ≥ 1500	70.5 71.7	84.5	86.2	86.9	87.4	87.5 89.6	87.8 89.9	87.9 90.0	87.9 90.0	88.0 90.2	88.1 90.2	88.1 90.2	88.1 90.2	88.1 90.2	88.1 90.3	
≥ 1200 ≥ 1000	72.4 72.9	88.0	89.9 91.3	90.8	91.5	91.6	91.9	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4
≥ 900 ≥ 800	73.0 73.2	90.3	92.8	93.0 93.9	93.7	93.9	94.2	94.4	94.4 95.6	94.6	94.6	94.6	94.7	94.7	94.7	95.9
≥ 700 ≥ 600	73.2 73.3	90.8	93.2	94.8	95.4 95.9	95.6 96.1	96.0 96.6	96.3	96.4 97.0	96.5	96.5	96.5 97.2	96.6	96.6	96.6	96.7
≥ 500 ≥ 400	73.3 73.3	91.0 91.1	94.0	95.4	96.4	96.6	97.6	97.5 98.1	97.6 98.2	97.8 98.5	97.8 98.5	97.8 98.5	97.9 98.6	97.9	97.9 98.6	98.0 98.7
≥ 300 ≥ 200	73.3 73.3	91.2	94.1	95.5 95.5	96.9 96.9	97.3 97.3	97.9	98.4	98.7	98.8 99.0	99.0 99.2	99.0 99.2	99.0	99.0 99.3	99.1 99.4	99.5
≥ 100 ≥ 0	73.3	91.2	94.1	95.5 95.5	96.9	97.3	97.9	98.5 98.5	98.7	99.0			99.4	99.5		100.0

TOTAL NUMBER OF OBSERVATIONS __

7440



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE

0000-0200 OURS (L.S.T.)

(FROM HOURLY OBSERVATIONS) VISIBILITY STATUTE MILES CEILING (FEET) ≥ 5/16 54.9 54.9 54.9 54.9 NO CEILING 52.3 54.9 54.9 > 20000 56.0 56.1 52.7 > 16000 ≥ 14000 ≥ :2000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 > 4000 3500 62.7 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 1200 1000 900 800 ≥ 700 71.2 88.4 91.6 500 400

TOTAL NUMBER OF OBSERVATIONS

98.6 98.7

95.9 96.3 97.0 97.7 97.8 98.2 98.6 98.7 98.8 98.9 99.1 300.0

97.0 97.7 97.8 98.2

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PO

92.

71.4 88.9 92.2

88.9 92.3

88.9

71.

71.3

≥ 300

200



1

96.3

CEILING VERSUS VISIBILITY

13914

BERGSTROM AFB TX

69,72-80

NOV

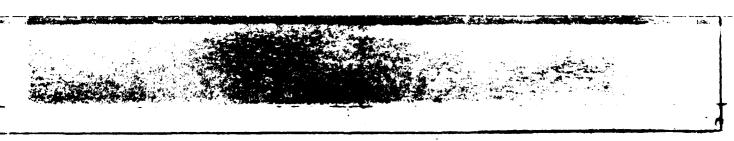
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2300-2500

CEILING							VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥:0	≥6	≥5	≥ 4	≥ 3	≥21/5	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	47.4 48.9	52.8 54.2	53.1 54.6	53.3	53.3 54.8		53.3 54.8	53.3 54.8	53.3 54.8	53.3 54.8	53.3 54.8	53.3 54.8	53.3 54.8	53.3 54.8	53.4 54.9	53.7 55.1
≥ 18000	48.9	54.2	54.6	54.8		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.1
≥ 16000	48.9	54.2	54.6	54.8		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.1
≥ 14000	49.2	54.6		55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.4
≥ 12000	50.d	55.3	55.7	55.9	55.9	55.9	55.9		55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.2
≥ 10000	50.7	56.1	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	57.0
≥ 9000	51.d	56.4	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.3
≥ 8000	52.3	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.7
≥ 7000	52.7	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.1
≥ 6000	53.7	59.3	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.4
≥ 5000	54.4	60.2	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.4
≥ 4500	55.6		1	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.6
≥ 4000	55.6	62.2		63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.8
≥ 3500 ≥ 3000	56.3	63.1		64.0	64.2	64.3		64.4	64 • 4	64.4	64.4	64 • 4	64.4	64.4	64.6	64 . 8
	57.8	65.0		65.9	66.1	66.2		66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.
≥ 2500 ≥ 2000	58.9		1 1	68.3		'	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.
	60.0			71.0	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.
≥ 1800 ≥ 1500	61.0	71.4		73.0	73.3 76.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7 76.7	73.
	62.8	73.9		76.0	78.9	76.4	76.4 79.0	76.6	76.6	79.1	76.6	76.6	76.6	76.6	79.2	76.9
≥ 1200 ≥ 1000	62.9	78.1		81.6	11.	82.3		82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.
≥ 900	63.4	79.8		83.3		84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.6
≥ 800	63.4	81.4	84.6	اء مہ		86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.9	87.
≥ 700	63.6				87.2			87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.8	88.
≥ 600	63.7	83.1	1 7 7 7				89.6	89.8	89.9	89.9	90.0				90.1	90.
≥ 500	63.8	83.7	87.7	89.4	91.1	91.4	92.1	92.3	92.4	92.4	92.7	92.7	92.7	92.7	92.8	93.1
≥ 400	63.9	84.1	88.3	90.2		92.9		94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.9	95.1
≥ 300	64.0	84.3	88.6	90.6			94.8	95.3	95.6	95.6	96.1	96.1	96.1	96.1	96.2	96.4
≥ 200	64.d	84.3	88.7	90.7	93.4	93.9	95.0	95.6	95.9	95.9	96.6	96.6	96.6	96.6	96.9	97.
≥ 100	64.0	84.3	88.7	90.7	93.4	93.9	95.0	95.6	95.9	96.0	97.1	97.1	97.3	97.7	98.3	98.
≥ 0	64.5	84.3	88.7	90.7	93.4	93.9	95.0	95.6	95.9	96.0	97.2	97.2	97.8	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS ______900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



732

CEILING VERSUS VISIBILITY

1398<u>4</u>

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BERGSTROM AFB TX

STATION HAME

69,72-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800

CEILING		<u> </u>					vis	BILITY ST	ATUTE MIL	ES-	-					
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2½	≥ 2	≥1%	21%	≥1	≥ ¾	≥%	≥+:	≥ 5/16	≥ ¼	≥0
NO CEILING	36.2	43.4	45.1	45.6	46.3	46.4	46.6	46.9	47.0	47.1	47.2	47.2	47.3	47.4	47.4	47.9
≥ 20000	37.3	45.1	47.2	47.9	48.7	48.8	48.9	49.2	49.3	49.4	49.6	49.6	49.7	49.8	49.8	50.2
≥ 18000	37.3	45.1	47.2	47.9	48.7	48.8	48.9	49.2	49.3	49.4	49.6	49.6	49.7	49.8	49.8	50.2
≥ 16000	37.3	+5.1	47.2	47.9	48.7	48.8	48.9	49.2	49.3	49.4	49.6	49.6	49.7	49.8	49.8	50.2
≥ 14000	37.9	45.7	47.8	48.4	49.2	49.3	49.4	49.8	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.8
≥ :2000	38.9	46.9	49.0	49.7	50.4	50.6	50.7	51.0	51.1	51.2	51.3	51.3	51.4	51.6	51.6	52.0
≥ 10000	40.1	48.4	50.6	51.2	52.0	52.1	52.2	52.6	52.7	52.8	52.9	52.9	53.0	53.1	53.1	53.7
≥ 9000	40.6	48.9	51.0	51.7	52.4	52.6	52.7	53.0	53.1	53.2	53.3	53.3	53.4	53.6	53.6	54.1
≥ 8000	42.3	50.7	52.8	53.4	54.2	54.3	54.4	54.8	54.9	55.0	55.1	55.1	55.2	55.3	55.3	55.9
≥ 7000	43.6	52.4	54.6	55.2	56.0	56.1	56.2	56.6	56.7	56.8	56.9	56.9	57.0	57.1	57.1	57.7
≥ 6000	44.6	53.4	55.6	56.2	57.0	57.1	57.2	57.6	57.7	57.8	57.9	57.9	58.0	58.1	58.1	58.7
≥ 5000	45.2	54.8	56.9	57.6	58.3	58.4	58.6	58.9	59.0	59.1	59.2	59.2	59.3	59.4	59.4	60.0
≥ 4500	45.6	55.9	58.1	58.9	59.7	59.8	59.9	60.2	60.3	60.4	60.6	60.6	60.7	60.8	60.8	61.3
≥ 400C	46.1	56.6	58.8	59.6	60.4	60.7	60.8	61.1	61.2	61.3	61.4	61.4	61.6	61.7	61.7	62.2
≥ 3500	47.d	57.8	60.d	61.1	62.Q	62.2	62.3	62.7	62.8	62.9	63.0	63.0	63.1	63.2	63.2	63.8
≥ 3000	48.1	59.7	62.0	63.3	64.2	64.4	64.6	64.9	65.0	65.1	65.2	65.2	65.3	65.4	65.4	66.0
≥ 2500	49.7	62.4	65.	66.4	67.3	67.6	67.7	68.0	68.1	68.2	68.3	68.3	68.4	68.6	68.6	69.1
≥ 2000	51.2	65.Q	67.6	69.1	70.0	70.2	70.3	70.7	70.8	70.9	71.0	71.0	71.1	71.2	71.2	71.8
≥ 1800	52.0	66.0	68.7	70.2	71.1	71.3	71.4	71.8	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.9
≥ 1500	52.1	67.3	70.3	72.0	73.0	73.2	73.3	73.7	73.8	73.9	74.D	74.0	74.1	74.2	74.2	74.8
≥ 1200	52.7	70.7	73.7	75.3	76.3	76.6	76.8	77.2	77.3	77.4	77.6	77.6	77.7	77.8	77.8	78.3
≥ ,000	53.Q	72.4	75.7	77.6	78.8	79.0	79.2	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.3	81.0
≥ 900	53.1	73.6	77.6	79.4	80.7	80.9	81.1	81.7	81.9	82.0	82.1	82.2	82.3	82.4	82.4	83.1
≥ 800	53.2	75.1	79.6	81.9	83.4	83.7	84.1	84.7	84.9	85.D	85.1	85.2	85.3	85.4	85.4	86.1
≥ 700	53.2	75.9	80.6	82.9	84.6	84.8	85.2	85.8	86.0	86.2	86.3	86.4	86.6	86.7	86.7	87.3
≥ 600	53.4	77.3	82.2	84 • 8	86.9	87.3	87.8	88.4	88.7	89.0	89.1	89.2	89.3	89.4	89.4	90.1
≥ 500	53.2	78.1	83.1	86.1	89.1	89.7	90.3	91.0	91.2	91.7	91.8	91.9	92.0	92.2	92.2	93.C
≥ 400	53.4	78.1	83.3	86.6	89.9	93.4	91.3	92.1	92.3	92.8	92.9	93.0	93.1	93.3	93.3	94.1
≥ 300	53.2	78.1	83.3	86.7	90.2	91.1	92.2	93.1	93.4	94.1	94.2	94.3	94.6	94.8	94.8	95.6
≥ 200	53.2	78.1	83.3	86.8	90.3	91.2	92.4	93.4	94.1	94.8	95.1	95.2	95.6	95.8	95.9	96.7
≥ 100	53.2	78.1	83.3	86.8	90.4	91.3	92.7	93.8	94.4	95.2	95.8	95.9	96.4	97.3	97.6	98.6
≥ 0	53.4	78.1	83.3	86.8	90.4	91.3	92.7	93.8	94.4	95.2	95.8	95.9	96.4	97.3	97.7	0.00

TOTAL NUMBER OF OBSERVATIONS ____

90

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



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CEILING VERSUS VISIBILITY

17934

BERGSTROM AFB TX

69,72-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

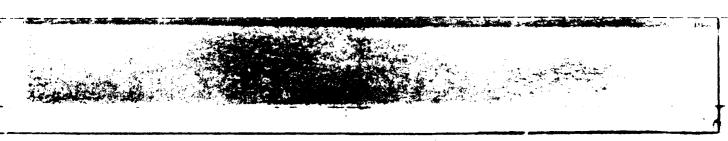
0900-1100 HOURS (L.S.Y.)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥c
NO CEILING	39.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 20000	41.4	50.6	51.2	51.2	51.2	51.2	51.2		51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 18000	41.4	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 16000	41.4	50.6	51.2	51.2	51.2	51.2	51.2			51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 14000	42.1	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1
≥ :2000	43.0	52.4	53.1	53.1	53.1	53.1	53.1	53.1		53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 10000	44.8	54.3	55.Q	55.0	55.0	55.0	55.0	55.0	55.0	55.0	۱ I	55.0	55.0	5 5. 0		55.1
≥ 9000	45.3	54.9	55.6	55.6	55.6	55.6	55.6		55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥ 8000	46.9	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 7000	48.1	59.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 6000	49.1	67.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.3
≥ 5000	50.4	62.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 4500	50.6	62.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4
≥ 4000	51.2	64.1	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 3500	51.7	64.7	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.7
≥ 3000	53.Q	66.9	68.4	68.6	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
≥ 2500	54.9	69.6	71.4	71.8	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.6
≥ 2000	56.9	73.2	75.2	75.6	75.9	75.9	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.4
≥ 1800	56.9	74.4	76.6	76.9	77.2	77.2	77.2		77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.8
≥ 1500	57.3	77.1	79.3	79.7	80.0	80.0	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3		80.6
≥ 1200	57.9	83.6	83.0	83.3	84.1	84.2	84.4		84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.1
≥ 1000	58.0	82.1	84.8	85.3	86.1	86.6	86.8			87.2	87.2	87.2	87.2	87.2		87.4
≥ 900	58.0	83.4	86.1	86.8	87.6	88.0	88.3		88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 800	58.0	84.3	87.2	88.2	89.6	90.0	90.4	90.7	90.9	91.0		91.0	91.0		91.1	91.2
≥ 700	58.1	85.1	88.3	89.8	91.2	91.7	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.1
≥ 600	58.1	85.2	88.7	90.2	91.9	92.3	93.1	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.9	94.0
≥ 500	58.1	85.6	89.2	91.0	92.7	93.1	94.3	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.7
≥ 400	58.1	85.6	89.2	91.1	93.2	93.9	95.4	96.1	96.3	96.7	96.9	96.9	96.9	96.9	97.0	97.1
≥ 300	58.1	85.6	89.2	91.1	93.2	94.1	95.8	96.6	96.9	97.3	97.7	97.7	97.7	97.7	97.8	97.9
≥ 200	58.1	85.6	89.3	91.2	93.3	94.2	95.9	96.9	97.4	98.1	98.8	98.8	98.9	98.9	99.0	99.1
> 100	58.1	85.6	89.3	91.2	93.3	94.2	95.9	96.9	97.4	98.1	98.8	98.8	98.9	99.0	99.4	99.9
≥ 0	58.1	85.6	89.3	91.2	93.3	94.2	95.9	96.9	97.4	98.1	98.8	98.8	98.9	99.1	99.6	100.C

TOTAL NUMBER OF OBSERVATIONS _

900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



73

CEILING VERSUS VISIBILITY

1-1

10914 BERGSTROM AFB TX

69,72-80

NOV

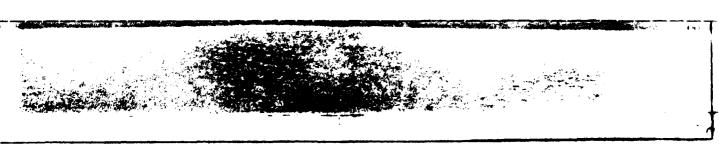
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 Hours (L.S.T.)

CEILING							VIS	BILITY STA	ATUTE MILI	ES-	-		-			
(FEET)	≥ 10	≥6	≥ 5	≥4	≥ 3	≥2½	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	48.9 51.4	54.0 57.6	54.0 57.6		54.0 57.6	54.0 57.6			54.0 57.6		54.0 57.6	54.0 57.6	54.0 57.6	54.0 57.6	54.0 57.6	54.0 57.6
≥ 18000 ≥ 16000	51.6 51.6	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9
≥ 14000 ≥ 12000	52.1 53.3	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58.4 59.7	58 · 4 59 · 7
≥ 10000 ≥ 9000	56.0 56.9	62.6	62.6	62.6 63.6	62.6 63.6	62.6		62.6 63.6	62.6 63.6	62.6 63.6	62.6 63.6	62.6 63.6	62.6 63.6	62.6 63.6	62.6 63.6	62.6 63.6
≥ 8000 ≥ 7000	57.8 59.6	64.4	64.4	64 • 4 67 • 3	64.4	64.4	64.4	64.4	64.4		64.4	64.4	64.4		64.4 67.3	64.4
≥ 6000 ≥ 5000	61.1 63.0	69.1 71.1	69•1 71•1	69.1 71.1	69.1 71.1	69.1 71.1	69.1 71.1	69.1 71.1	69.1 71.2	69.1 71.2	71.2	69.1 71.2	69.1 71.2	71.2	69.1 71.2	69.1 71.2
≥ 4500 ≥ 4000	64.2 65.7	72.4	72.6	72.6 74.0	72.6 74.0	72.6 74.0	72.6 74.0	72.6	72.7 74.1	72.7	72.7 74.1	72.7 74.1	72.7	72.7 74.1	72.7	72.7
≥ 3500 ≥ 3000	66.9	75.8	75.9	75.9	75.9	75.9	75.9 77.4	75.9	76.0	76.0	76.0	76.0	76.0 77.6	76.0	76.0	77.6
≥ 2500 ≥ 2000	70.4	81.4	81.8	81.8	81.8	81.8	81.8 86.0	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800 ≥ 1500	73.0 73.0	86.9	87.3	87.3	87.3	87.3	87.3 89.1	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1200	73.1	90.8	91.2	91.6 92.6	91.9	92.0	92.0 93.2	92.0	92.1	92.2	92.2	92.2	92.2	92.2 93.4	92.2 93.4	92.2
≥ 900 ≥ 800	73.1 73.4	91.6 92.3	92.3 93.3	94.3	93.3	93.7 95.2	1	93.9 95.4 96.3	94.0 95.6 96.4	94.1 95.7 96.6	94.1 95.7 96.6	94.1 95.7	94.1 95.7 96.6	95.7	95.7	94.1 -5.7 96.6
≥ 700 ≥ 600	73.4	92.8	94.3	95.9	95.8 96.6 96.9	96.9	96.3 97.2 97.7	97.2 98.0	97.3 98.1		97.4	97.4	97.4	96.6 97.4	97.4	97.4
≥ 500 ≥ 400 ≥ 300	73.4	92.8	94.6	96.2	97.1	97.8	98.2	98.8	99.0		99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	73.4	92.8	94.7	96.3	97.2	97.9	98.3	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	73.	92.8	94.7	96.3	97.2				99.2		99.7	99.8			100.0	

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

69,72-80

NGV

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURE (L.S.T.)

CEILING							VIS	BILITY STA	ATUTE MIL	ES:						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/:	≥ 2	≥1%	≥1%	≥١	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	55.4 58.6	58.9 63.0	58.9 63.0	58.9 63.0	58.9 63.0	58.9 63.0		58.9 63.0	58.9 63.0	58.9 63.0	58.9 63.0	58.9 63.0		58.9 63.0	58.9 63.0	58.9 63.0
≥ 18000 ≥ 16000	58 • 8 58 • 8	63.2	63.2	1 2 7	63.2 63.2	63.2 63.2		63.2 63.2	63.2	- 1	63.2	63.2 63.2	63.2 63.2		63.2 63.2	63.2 63.2
≥ 14000 ≥ 12000	59.9 61.1	64.4	64.4		64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4 65.7
0000° ≤	63.4	68.7	68.7	68.7	68.7 69.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7		68.7	68.7 69.1
≥ 8000 ≥ 7000	65.7	71.0 73.4	71.0	71.0	71.0	71.0	71.0		71.0		71.0	71.0	71.0		71.0	71.0
≥ 6000 ≥ 5000	68.7	75.4	75.6	75 • 6	75.6	75.6 77.3	75.6	75.6	75.6 77.3	75.6	75.6	75.6 77.3	75.6	75.6	75.6	
≥ 4500 ≥ 4000	71.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4 81.8		79.4	79.4	79.4 81.6
≥ 3500 ≥ 3000	74.3 75.3	82.9	83.1	83.2	83.2	83.2 85.2	83.2	83.2	83.2 85.2	83.2	83.2	83.2 85.2	83.2		83.2 85.2	83.2 85.2
≥ 2500 ≥ 2000	76.4 77.8	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0 90.4	88.5 90.4
≥ 1800 ≥ 1500	77.9 78.3	90.1	90.7	90.9	91.0	91.0	91.0	91.0		91.0	91.0	91.0	91.0	91.0	91.0 92.7	91.0
≥ 1200 ≥ 1000	78.3	92.1			93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2			93.2	93.2
≥ 900 ≥ 800	78.6 78.8	93.1	93.9	-	94.8			94.9		94.9		95.0 96.2			95.0	95.0 96.2
≥ 700 ≥ 600	78.8 78.8	94.2	95.4			96.6		97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1 97.7	97.1
≥ 500 ≥ 400	78 • 8 78 • 8	94.4	95.8	96.7	97.4	97.6	97.9	98.3			98.6	98.6	98.6	98.6	98.6	98.6 99.4
≥ 300 ≥ 200	78.8 78.8	94.4	95.9	96.9	97.8	98.0		98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	78.8			96.9		98.0	98.3	98.8			99.8	99.8 99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS ____

900

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

69,72-80

NOV

1800-2000 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				-			VIS	BILITY ST	ATUTE MILI	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ 1 %	≥1%	≥1	≥ ¾	≥ %	≥ 火	≥ 5/16	۵ ک	≥0
NO CEILING ≥ 20000	60.2 63.0	63.0			63.3		ام مد	63.3			1 7 7 7	63.3	63.3 66.6	63.3 66.6		
≥ 18000	63.0	66.2	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6 66.6	66.6 66.6
≥ '4000 ≥ '2000	63.8	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	65.2	67.6	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000 ≥ 8000	66.8	70.7	70.7	70.8	71.0	71.0	71.0	71.0	71.0	l i	71.0	71.0		71.0		71.0
≥ 7000 ≥ 6000	69 • 3 70 • 7	73.6			73.9	73.9	73.9	73.9		73.9 76.7	73.9		73.9	73.9 76.7	73.9	73.9
≥ 5000 ≥ 4500	71.8 73.0	77.6		77.7	77.9 80.0	77.9 80.0	77.9 8 .0	77.9				77.9	77.9 80.0	77.9 80.0	77.9 80.0	77.9 80.5
≥ 4000 ≥ 3500	74.1 74.8	81.6	81.6	81.7 83.2	81.9		81.9	81.9		81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	76.0	84.6	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1		85.1	85.1	85.1	
≥ 2500 ≥ 2000	78.1 78.9	87.7 89.2	89.5	89.7		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800 ≥ 1500	79.2 79.3	89.9 90.7				90.6 91.6	90.6 91.6			91.6	91.6					96.6 91.6
≥ 1200	79 • 8 80 • 2	91.5	1	92.5 93.5		92.8 93.8				92.8 93.8		92.8 93.8	92.8 93.8	92.8 93.8	92.8 93.8	92.8 93.8
≥ 900 ≥ 800	80.5	93.0	1				94.6	_		94.6			94.6 95.5		94.6	94.6 95.5
≥ 700 ≥ 600	80.6	93.9	95.2	95.7	96.0		96.0	96.0	96.0 96.9				96.1 97.0	96.1 97.0	96.1 97.0	96.1 97.0
≥ 500 ≥ 400	80.7	94.6	96.3	97.1 97.5	97.4	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300 ≥ 200	80.7	94.6	96.3	97.9	98.2	98.2	98.2	98.4	98.4	99.1	99.3			99.3	99.3	99.3
> 100	80.7	94.6	96.3	97.9	98.2		98.2	98.4	98.4	99.2	99.6	99.6	99.7	99.7	99.8	99.8
≥ 0	80.7	94.6	96.3	97.9	98.2	98.2	98.2	98.4	98.4	99.2	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _



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CEILING VERSUS VISIBILITY

1 '> 4 BERGSTROM AFB TX

69,72-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21: 0-230J HOURS (L.S.T.)

CEIUNG							V1\$	BILITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥ 1 1/2	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ '4	≥0
NO CEILING	61.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	63.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66 . i
≥ 18000	63.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ .9000	63.1	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ '4600	63.4	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.5	66.6
≥ :2000	63.5	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
0000: ≤	64.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	64.8	68.D	68.2	68.2	63.2	68 • 2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	60.2
≥ 8000	66.9	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	76.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	67.3	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	68.8	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	69.5	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.C	75.0	75.0	75.0	75.0	75 .
≥ 4500	70.5	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.0
₹ 4000	71.1	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	72.	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	72.7	80.0	8C.4	8 y • 5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.
≥ 2500	75.Q	83.3	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	93.0
≥ 2000	76.3	86.1	86.5	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.
≥ 1800	76.8	87.1	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.0	88.3	88.0	88.
≥ 1500	77.1	88.0	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.
≥ 1200	78.4	89.7	90.6	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.
≥ .000	78.9	91.2	92.6	93.d	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.
900	79.4	91.8	93.2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
≥ 800	79.6	92.4	94.	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.
≥ 700	79.6	92.6	94.5	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.
≥ 600	79.6	93.5	95.4	96.1	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.6
≥ 500	79.6	93.8	95.8	96.5	97.7	97.7	97.8	97.8		97.9		98.0			98.7	
≥ 400	79.6	94.0	96.0	96.8	97.9	98.0	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.
≥ 300	79.6	94.0	96.0	96.8	97.9	98.0	98.1	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ .00	79.6	94.0	96. a	96.8	97.9	98.0	98.3	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.
> '00' ≤	79.6	94.0	96.7	96.8	97.9	98.0	98.3	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.
≥ 0	79.0	94.	96.0				98.3			98.9					99.2	1

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

1 - 4 BERGSTROM AFB TX

69,72-80

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELENG							VIS	BILITY ST.	ATUTE MILI	ES						
(PEE')	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥21⁄.	≥ 2	≥ ι %	≥11/4	≥1	≥ ¾	≥ %	≥ ٧:	≥ 5/16	≥ ¼	≥ 0
NO CEIUNG	30.3	54.9	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7
≥ 20000	52.0	57.3	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	56.3
≥ 18000	52.1	57.4	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.
≥ .9000	52.1	57.4	57.8	57.9	58.1	58.1	58.1	58 - 1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	500
≥ 14000	52.7	58.1	58.5	58.6	58.8	58 • 8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.
≥ :2000	53.5	<u> 58.9</u>	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.
0000 ≤	54.9	60.7	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.
≥ 9000	55.4	61.1	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.3	62.
≥ 8000	56.9	62.8	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.
≥ 7000	58.3	64.7	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	
≥ 6000	59.4	66.3	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.
≥ 5000	67.6	67.8	68.4	68.6		68.8	68.8	68.8	68.9	68.9	68.9	68.9	6E.9	68.9	68.9	69.
≥ 4500	61.5	69.3	69.9	70.2	_	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70•
≥ 4000	62.4	73.5	71 • 1	71.3	71.5		71.5			71.6	71.6	71.6	71.7	71.7	71.7	71.
≥ 3500	63.2	71.8	72.4	72.7	72.9	72.9	73.0	73.0		73.1	73.1	73.1	73.1	73.1	73.1	73.
≥ 3000	64.2	73.3	74.0	74.4	74.6		74.6	74.7		74.8	74.8	74.8	74.8	74.8	74.8	75.
≥ 2500	66.1	76.2	77.1	77.5	77.8		77.8	77.9		78.0					78.0	78.
≥ 200 0	67.5	79.0	80.0	80.4		80.8	80.8			80.9		80.9			81.0	
≥ '800	67.9	80.1	81.1	- 1		81.9	81.9	82.0	1	82.1	82.1	82 • 1	82.1	82.1	82.2	_
£ 1500	68.5	81.9	83.1	83.6	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3		84.3	84.3	R4.
≥ 1200	69.0	84.1	85.6	86.1		86.8	86.8	86.9		87.0		87.0		87.1	87.1	
≥ ,000	69.3	85.5	87.3	88.0			88.8	88.9		89.0		89.1		89.1	89.1	
≥ 900	69.6	86.3	88.3	89.1	89.7	89.9	89.9	90.1	90.1	90.2		90.2	90.2	90.2	90.3	
≥ 800	69.7	87.4	89.6			91.5	91.7			92.0				92.1	92.1	
≥ 700	69.8			91.5		92.5	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.
≥ 600	69.8			92.5				94.2		94.4	94.4	94.5		94.5	94.5	94.
≥ 500	69.8			93.2		94.9	95.3	95.6	95.7	95.8	95.9	95.9	95.9	96.0	96.0	1
≥ 400	69.9	0,14	92.	93.6			96.2	96.6	96.7	97.0		97.2	97.2	97.2	97.2	
≥ 300	69.9	89.1	92.0	93.7	95.5		96.6	97.0		97.7	• .	97.9	97.9	97.9	98.0	
≥ 200	69.9		92.1				96.7	97.2				98.4		98.5		
> 100	69.9	7 7			95.5		96.7	97.3		· 1						1
≥ 0	69.9	89.1	92.1	93.8	95.5	96.0	96.7	97.3	97.6	98 • 1	98.6	98.6	98.8	99.0	99.3	130.

TOTAL NUMBER OF OBSERVATIONS _____

7194

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE



CEILING VERSUS VISIBILITY

13954

SERGSTROM AFB TX

68-69,72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L.S.T.)

CEILING							V15	IBILITY ST	ATUTE MIL	ES.		_		-		
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21⁄2	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥%	≥ %	≥ 5/16	≥ 1/4	≥0
NO CEILING	55.4	59.9	60.3	60.6	60.6	60.6	60.6	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.7	61.0
≥ 20000	56.6	61.3	61.7	62.0	62.D	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 18000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 16000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 14000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 12000	57.0	62.0	62.5	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1
≥ 10000	57.7	62.9	63.3	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64 . C	64.0	64.0
≥ 9000	57.7	62.9	63.3	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.5
≥ 8000	59.1	64.5	64.9	65.3	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6
≥ 7000	<u> 59 • 8</u>	65.6	66.0	66.5	66.5	66.5	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8
≥ 6000	60.6	66.5	66.9	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6
≥ 5000	61.6	67.6	68.2	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9
≥ 4500	62.4	68.7	69.6	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3
≥ 4000	63.1	69.5	70.4	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2
≥ 3500	64.4	71.2	72.2	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 3000	65.9	73.0	74.0	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7
≥ 2500	67.1	74.8	75.8	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6
≥ 2000	67.6	76.8	77.8	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 1800	68.5	77.8	78.9	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	86.0
≥ 1500	69.6	79.6	80.9	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2
≥ 1200	70.4	81.4	83.0	83.9	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5
≥ ,000	71.0	82.8	84.5	85.4	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1
≥ 900	71.1	84.1	85.8	87.0	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥ 800	71.3	84.6	86.5	87.7	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6
≥ 700	71.3	85.1	87.2	88.5	89.1	89.2	89.2	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9
≥ 600	71.4	85.8	88.2	89.6	90.2	90.3	90.3	90.9	90.9		91.C	91.1	91.1	91.1	91.1	91.1
≥ 500	71.6	86.6	89.7	91.3	92.0	92.2	92.2	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9
≥ 400	71.6	86.6	89.8	91.7	92.5	92.8	93.1	93.7	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1
≥ 300	71.6	86.6	89.8	91.8	92.8	93.1	93.8	94.5	94.5	94.9	95.1	95.2	95.2	95.3	95.4	95.5
≥ 200	71.6	86.6	89.8	91.8	93.1	93.4	94.6	95.5	95.7	96.6	96.9	97.0	97.0	97.1	97.3	97.4
≥ 100	71.6	86.6	89.8	91.8	93.2	93.5	94.7	95.6	95.8	97.1	97.7	97.8	98.3	98.4	98.7	98.8
≥ 0	71.6	86.6	89.8	91.8	93.2	93.5	94.7	95.6	95.8	97.2	97.8	98.0	98.5	98.6	99.1	00.0

TOTAL NUMBER OF OBSERVATIONS ...

930 (

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLE



7.5

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

68-69,72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-350C

CEIL NG (FEE!)							VIS	IBILITY STA	ATUTE MIL	ES						
17.2.	≥:0	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ '4	≥0
NO CEILING ≥ 20000	53 -1	57.5 59.2		58 • 1 59 • 8	58.7		59.0 60.8	59.0 60.8		59.1 60.9	59.2 61.0	59.2 61.0	59.2 61.0	59.2 61.0	59.5 61.2	59.8 61.5
≥ 18000	54.5 54.5	59.2	59.6	59.8	60.4	60.4	60.8	60.8	60.9	60.9 60.9	61.0	61.0	61.0	61.0	61.2	61.5
≥ 14000 ≥ 12000	54.7	59.6	59.9	6G.1	60.8	60.8	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.5	61.8
00001 ≤	55.1 55.9	61.0	61.4	61.6	62.3	62.3	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	63.0	63.3
≥ 9000 ≥ 8000	56.7	61.8	61.6	61.8	62.5	62.5	62.8	62.8	62.9	62.9 63.5	63.E	63.7	63.7	63.7	63.2	63.5
≥ 7000 ≥ 6000	57.1 58.1	62.5	62.9	63.1 64.0	63.8	63.8	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.8
≥ 5000 ≥ 4500	58.5 58.9	63.9	64.3	64.5	65.2	65.2	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.9	66.2
≥ 400C	59.2	65.4	65.8	66.0	66.7	66.7	67.0	67.0	67.	67.1	67.2	67.2	67.2	67.2	67.4	67.7
≥ 3500 ≥ 3000	59.7 60.8	65.9 68.1	66.3 68.5	66.6	67.2 69.4	67.2 69.4	67.5 69.7	67.5 69.7	67.6 69.8	67.7 69.9	67.8 70.0	67.8 70.0	67.8 70.0	67.8 70.0	68 • 1 70 • 2	68 • 4 70 • 5
≥ 2500 ≥ 2000	61.7 62.5	69.9	70.3	70.5 72.5	71.2 73.1	71.2 73.1	71.5 73.4	71.5 73.4	71.6 73.5	71.7	71.8	71.8 73.8	71.8 73.8	71.8 73.8	72.0	72.4
≥ 1800 ≥ 1500	64.2	72.9 75.6	73.3 76.1	73.5 76.5	74.2	74.2	74.5	74.5	74.6 77.7	74.7	74.8	74.8 78.0	74 . 8 78 . 0	74.8 78.0	75.1 78.2	75.4 76.5
≥ 1200 ≥ 1000	64.8	77.8	78.5 80.4	79.2 81.4	80.2	80.3	80.8 83.0	80.8 83.0	80.9	81.0 83.2	81.1	81.1	81.1	81.1	81.3	81.6
≥ 900 ≥ 800	65.4	80.0	81.0	82.0	83.2	83.4	84.0	84.0	84.1	84.2	84.3	84.3	84.3	84.4	84.6	84.9
≥ 700	66.1	81.5	82.4	83.7	85.9	85.3	86.9	86.9	87.0	86.2	86.3	87.2	87.2	86.5	86.7	87.8
≥ 500	66.6	82.3	83.9	87.0	88.5	88.8	87.8	89.6	89.7	89.9	90.0	90.0	90.1	90.2	90.4	90.8
≥ 400	66.7	83.4	85.6	87.7	90.2	90.6	91.7	91.9	91.2	91.6	91.7	91.7	91.8	91.9	92.2	92.5
≥ 200	66.7	83.8	85.7	88.3	90.9	91.4	92.4		93.4	94.1	94.4	94.4	94.6	94.8	95.1	95.6
≥ 100 ≥ 0	66.7	83.8	. 1	88.3	90.9						95.7	95.8		97.2		3.00

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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CEILING VERSUS VISIBILITY

1 7 9 7,4

BERGSTROM AFB TX

68-69,72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800 HOURS (LET.)

CEILING			_				VIS	BILITY STA	ATUTE MILI	ES-	_	•				
(FEET)	≥ ;0	≥6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥ । %	≥1%	≥1	≥ ¾	≥ %	≥ 4⁄3	≥ 5/16	≥ ¼	≥c
NO CEILING	44.9	49.6	50.2	50 • 4	50.6	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.2	51.2	51.5	51.7
≥ 20000	46.8	52.3	52.9	53.1	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.9	53.9	54.2	54.4
≥ 18000	47.0	52.5	53.1	53.3	53.5	53.5	53.7	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.4	54.6
≥ 16000	47.0	52.5	53.1	53.3	53.5		53.7	53.8	53.8	53.9		53.9	54.1	54.1	54.4	54.6
≥ 14000	47.4	53.1	53.8	54.0		54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.7	54.7	55.1	55.3
≥ :2000	48.7	54.6	55.3	55.5	55.7	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.6	56.8
≥ 10000	50.1	56.0	56.7	56.9	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.6	57.6	58.0	58.2
≥ 9000	50.5	56.5	57.1	57.3	57.5	57.5	57.6	57.7	57.7	57.8	57.8	57.8	58.1	58.1	58.4	58.6
≥ 8000	51.8	58.2	58.8	59.0	59.2	59.5	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.3	60.5
≥ 7000	52 .5	58.9	59.6	59.8	60.0	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.8	60.8	61.1	61.3
≥ 6000	53.0	59.7	60.3	60.5	60.8	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.5	61.5	61.8	62.0
≥ 5000	53.5	60.4	61.1	61.3	61.5	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.3	62.3	62.6	62.8
≥ 4500	54.3	61.5	62.2	62.4	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.3	63.3	63.7	63.9
≥ 4000	54,4	61.7	62.4	62.6	62.8	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.5	63.5	63.9	64.1
≥ 3500	54.8	62.4	63.1	63.2	63.4	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.2	64.2	64.5	64.7
≥ 3000	55.9	63.9	64.6	64.8	65.2	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.9	65.9	66.2	66.5
≥ 2500	57.4	65.9	66.9	67.1	67.5	67.8	68.0	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68 • 8	69.0
≥ 2000	58.1	67.4	68.8	69.1	69.7	70.0	70.2	70.3	70.3	70.5	70.5	70.5	70.8	70.8	71.1	71.3
≥ 1800	58.5	68.3	69.7	70.1	70.6	71.0	71.2	71.3	71.3	71.5	71.5	71.5	71.7	71.7	72.0	72.3
≥ 1500	59.2	70.3	71.9	72.7	73.2	73.5	73.9	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.7	74.9
≥ 1200	60.8	73.2	75.1	75.8	76.6	77.1	77.4	77.5	77.5	77.7	77.7	77.7	78.0	78.0	78.3	78.5
≥ ,000	61.2	74.9	77.3	78.4	79.4	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.9	80.9	81.2	81.4
≥ 900	61.2	76.1	78.5	79.7	81.1	81.7	82.2	82.4	82.4	82.6	82.6	82.6	82.8	82.8	83.1	83.4
≥ 800	61.2	77.Q	79.6	80.9	82.3	82.9	83.3	83.5	83.5	83.8	83.8	83.8	84.0	84.0	84.3	84.6
≥ 700	61.3	77.2	79.9	81.5	83.1	83.8	84.4	84.6	84.6	84.8	84.8	84.8	85.1	85.1	85.4	85.7
≥ 600	61.4	77.7	80.6	82.6	84.3	85.1	85.7	85.9	85.9	86.1	86.1	86.1	86.3	86.3	86.7	87.0
≥ 500	61.6	78.4	81.4	83.7	85.7	86.5	87.4	87.7	87.8	88.1	88.1	88.1	88.3	88.3	88.6	88.9
≥ 400	61.6	78.9	82.4	84.9	87.0	88.0	89.0	89.6	89.9	90.3	90.3	90.3	90.5	90.5	91.0	91.3
≥ 300	61.6	78.9	82.4	85.1	87.3	88.3	89.6	90.2	90.9	91.6	91.8	91.8	92.2	92.2	92.6	93.0
≥ 200	61.6	78.9	82.4	85.2	87.6	88.6	90.0	90.6	91.4	92.5	93.0	93.1	93.7	93.8	94.3	95.5
≥ 100	61.6	78.9	82.4	85.2	87.6	88.7	90.2	90.9	91.7	93.1	94.2	94.5	95.2	95.7	96.6	97.8
≥ 0	61.6	78.9	82.4	85.2	87.6	88.7	90.2	90.9	91.7	93.1	94.2	94.5	95.3	96.0	96.9	0.00

TOTAL NUMBER OF OBSERVATIONS

930

SAF FTAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OBSOLE



4

CEILING VERSUS VISIBILITY

BERGSTROM AFB TX

DEC

68-69,72**-7**9

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥%	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING	41.9	46.9	47.3	47.6	47.7	47.7	47.8	48.D	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.3
≥ 20000	43.9	49.7	53.1	50.4	5 . • 5	50.5	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1
≥ 18000	44.3	50.1	50.5	50.9	51.0	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5
≥ 16000	44.4	50.2	50.6	51.Q	51.1	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.6
≥ 14000	45.3	51.2	51.6	51.9	52.0	52.0	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6
≥ :2000	47.6	54.3	54.7	55.2	55.3	55.3	55.4	55.5	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 10000	48.8	55.7	56.1	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57-1	57.2
≥ 9000	49.5	56.6	57.0	57.4	57.5	57.5	57.6	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.3	58.1
≥ 8000	50.4	58.2	58.6	59.1	59.2	59.2	59.5	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9
≥ 7000	51.2	59.6	60.1	60.6	60.9	60.9	61.1	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5
≥ 6000	51.7	60.3	60.9	61.4	61.6	61.6	61.8	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.3
≥ 5000	52.9	61.6	62.2	62.7	62.9	62.9	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5
≥ 4500	53.4	62.3	62.8	63.3	63.5	63.5	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2
≥ 4000	54.1	62.9	63.4	64.0	64.2	64.2	64.4	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.8
≥ 3500	55.1	64.5	65.2	65.7	65.9	65.9	66.1	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.6
≥ 3000	56.2	66.2	66.9	67.4	67.6	67.6	67.8	68.C	68.B	68.1	68.2	68.2	68.2	68.2	68.2	68.3
≥ 2500	57.1	68.1	69.0	69.7	69.9	69.9	79.1	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.6
≥ 2000	57.8	69.4	70.4	71.1	71.3	71.4	71.7	71.8	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.3
≥ 1800	58.4	70.1	71.2	71.8	72.2	72.3	72.6	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.2
≥ 1500	59.2	71.8	73.1	73.8	74.1	74.3	74.6	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1200	60.5	75.5	77.1	77.6	78.3	78.6	79.1	79.4	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.9
≥ ;000	61.4	77.3	79.4	80.Q	80.8	81.1	81.6	81.8	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.5
≥ 900	61.3	78.3	80.4	81.1	81.8	82.2	82.8	83.0	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.7
≥ 800	61.4	79.2	81.8	82.9	83.9	84.4	85.2	85.5	85.7	86.1	86.3	86.3	86.5	86.5	86.5	86.6
≥ 700	61.4	79.4	82.2	83.3	84.8	85.4	86.1	86.6	86.8	87.2	87.4	87.4	87.5	87.5	87.5	87.6
≥ 600	61.4	79.6	82.5	83.9	85.7	86.3	87.2	87.6	87.8	88.3	88.5	88.5	88.6	88.6	88.6	88.7
≥ 500	61.4	79.9	82.9	84.8	87.3	88.1	89.4	89.8	90.2	90.8	91.0	91.0	91.1	91.1	91.1	91.2
≥ 400	61.4	79.9	83.0	85.4	88.4	89.2	90.8	91.6	92.3	92.9	93.2	93.2	93.3	93.3	93.3	93.7
≥ 300	61.4	79.9	83.0	85.4	88.6	89.6	91.4	92.7	94.0	94.8	96.0	96.3	96.6	96.6	96.7	97.1
≥ 200	61.4	79.9	83.q	85.4	88.7	89.7	91.5	92.8	94.4	95.5	97.1	97.6	98.2	98.3	98.4	98.8
≥ 100	61.4	79.9	83.0	85.4	88.7	89.7	91.5	92.5	94.4	95.5	97.2	97.7	98.4	98.5	98.8	99.5
≥ 0	61.4	79.9	83.	85.4	88.7	89.7	91.5	92.8	94.4	95.5	97.2	97.7	98.4	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS ___

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBS



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

68-69,72-79

EC

TATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 Hours (L.s.Y.)

CEILING (FEET)							VIS	IBILITY STA	ATUTE MIL	ES-						
	≥ 10	≥6	≥5	≥4	≥3	≥21/.	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥%	≥%	≥5/16	≥ ¼	≥c
NO CEILING	51.2	54.4	54.4	54 . 4	54 • 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	55.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	55.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ :6000	55.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60 - 3	60.3	60.3	60.3	60.3	60.3	60.3	6C.3
≥ 14000	56.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ :2000	58.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.C	63.0	63.0	63.0	63.0	63.0	63.J
≥ 10000	59.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	60.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	61.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	61.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	62.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	63.2	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	63.7	76.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 400C	64.6	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500	65.3	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	66.8	75.3	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	68.4	77.7	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	69.2	79.6	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ ≀800	69.6	80.6	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1500	70 • 1	82.4	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	70.8	85.1	85.6	86.0	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ .000	71.3	87.0	88.1	88.5	89.1	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 900	71.3	87.2	88.4	88.8	89.5	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	71.3	87.6	88.9	89.7	90.4	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	71.3	88.d	89.7	90.8	92.0	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	
≥ 600	71.3	88.1	90.0	91.7	93.2	93.8	94.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	71.3	88.3	90.4	92.3	94.2	94.7	95.2	95.6	95.7	95.8	95.9	95.9		95.9	95.9	95.9
≥ 400	71.3	88.3	90.4	92.3	94.7		95.7	96.5	97.2		97.7	97.7	97.8	97.8	97.8	98.0
≥ 300	71.3	88.3	90.4	92.4	95.1			97.1	97.8	98.7	99.2	99.2		99.4	99.4	99.5
≥ 200	71.3	88.3	90.4	92.4	95.1	95.6	- 1	97.1		98.7	99.4		99.6	99.6	99.6	
> 100	71.3	88.3	90.4	92.4				97.1	97.8			99.5			99.8	
≥ 0	71.3	88.3	90.4	92.4	95.1	- • -		97.1			99.5	99.5		99.8		100.0
					<u> </u>				-:						انتنا	

TOTAL NUMBER OF OBSERVATIONS ___

93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



7.5

CEILING VERSUS VISIBILITY

6.4

13904 BERGSTROM AFB TX

68-69,72-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY ST	ATUTE MIL	ES		_				
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ /:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	53 • 1 59 • 7	56.3 63.4	56.3 63.4	56.3 63.4	56.3 63.4	56.3 63.4	56.3 63.4		56.3 63.4	56.3 63.4	56.3 63.4	56.3 63.4	56.3 63.4	56.3 63.4	56.3	56.3 63.4
≥ 18000 ≥ 16000	60.1 60.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000 ≥ 12000	61.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000 ≥ 9000	65.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000 ≥ 7000	67.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	73.3	70.6	70.6	70.6 73.3	70.6	70.6
≥ 6000	68.6	73.9	74.2	74.2	74.9	74.9	74.2	74.2	74.9	74.2	74.9	74.2	74.9	74.2	74.9	74.2
≥ 5000 ≥ 4500	70.6	75.9	76.2	76.2	76.2	76.2	76.2 78.0	76 • 2 78 • 0	76 • 2 78 • D	76.2 78.0	76.2 78.0	76.2 78.0	76.2	76.2 78.0	76.2 78.0	76.2 78.0
≥ 4000 ≥ 3500	70.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5 79.5	78 • 5 79 • 5	78.5 79.5	78.5	78.5	78.5	78.5 79.5	78.5 79.5	78.5
≥ 3000 ≥ 2500	72.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9 84.0	81.9	81.9 84.0	81.9 84.0	81.9	81.9
≥ 2000	73.4	85.2	85.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500 ≥ 1200	74.1	86.9	87.5	87.7	87.8	88.0	88.0	88.D	88.D	88.0	88.0	88.0 90.6	88.0	88.0	88.6	88.0
≥ ,000	74.5	90.1	91.5	91.8	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	90.6	90.6	90.6
≥ 900 ≥ 800	7 .5	90.2	91.8	92.4	93.0	93.2	93.3 94.0	93.5	93.5 94.2	93.5	93.5 94.2	93.5	93.5 94.2	93.5 94.2	93.5 94.2	93.5
≥ 700 ≥ 600	74.5	91.3	93.2 93.2	93.8 93.8	94.5	94.7	95.1 95.6	95.4 96.0	95.4	95.5 96.2	95.5	95.5	95.5 96.2	95.5 96.2	95.5 96.2	95.5 96.2
≥ 500 ≥ 400	74.5	91.5	93.4 93.5	94.2	95.3 95.8	95.5 96.0	96.3 97.1	97.0 97.7	97.1 98.0	97.3 98.3	97.4	97.4	97.4 98.4	97.4 98.4	97.4 98.4	97.4
≥ 300 ≥ 200	74.5	91.6	93.5	94.3	95.9 95.9	96.2	97.4	98.2 98.2	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	74.5	91.6	93.5	94.3	95.9	96.2	97.4	98.2 98.2	98.7	99.6	99.9	99.9	99.9		00.0	

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE



CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

68-69,72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							vis	BILITY STA	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥21⁄.	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	58.9 63.4	61.8	61.8	61.9	61.9 67.2	61.9	61.9	1	61.9 67.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	63.5	67.2	67.2	67.3	67.3	67.3	67.3		67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	63.7	67.3	67.3	67.4	67.4	67.4	67.4		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	64.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ :2000	64.7	68.8	68.8	68.9	68.9	68.9	68.9		68.9	68.9	68.9	68.9	68.9	68.9	68.9	
≥ 10000 ≥ 9000	66.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
	66.8	71.2	71.2	$\frac{71.3}{77.1}$	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000 ≥ 7000	68.7	73.0	73.0	73 • 1 74 • 7	73.1	73.1	74.7	73.1	74.7	73.1	73.1	73.1	73.1	74.7	74.7	74.7
> 6000	69.7	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000	71.0	77.2	77.2	77.3		77.3	77.3	77.3	77.3		77.3	77.3	77.3	77.3	77.3	
≥ 4500	72.3	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9		78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	72.4	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	73.3	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	74.1	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82,6	82.6	82.6	82.6	82.6	82.6
≥ 2500	74.6	84.0	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	75.2	85.1	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	75.2	85.6	85.9	86.6		86.7	86.7		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
·	75.7	87.1	87.5	88.3		88.5	88.5		88.5		88.5	88.5	88.5	88.5	88.5	
≥ 1200	76.9	88.5	88.9	89.9	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	76.2	93.1	90.1	91.3		91.8	92.8		93.1	93.1	93.	93.1	93.1	93.1	93.1	92.3
≥ 800	76.2	90.5	91.4	92.9		93.8			94.2	94.2	94.2	94.2	94.2	94.2	94.2	1
≥ 700	76.2	90.9	91.9	93.5		94.8	95.3		95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	76.2	91.1	92.3	93.9		95.2	95.6	4 1 1 1	96.0		96.2	96.2	96.2	96.2	96.2	
≥ 500	76.2	91.2	92.5	94.1	95.3	95.7	96.1	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	76.2	91.3	92.6	94.3	95.7	96.1	97.1	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	76.2	91.3	92.6	94.3	95.7	96.1	97.2	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	76.2	91.3	92.6	94.3	95.7	96.1	97.3		98.6	99.2	99.6	99.7	99.8	99.8	99.8	
≥ 100	76.2	91.3	92.6	94.3	95.7	96.2	97.4		98.7	99.4		99.8		0.00		
≥ 0	76.2	91.3	92.6	94.3	95.7	96.2	97.4	98.3	98.7	99.4	99.7	99.8	99.9	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS

93¢

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

68-69,72-79

DEC

TATION STATION N

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

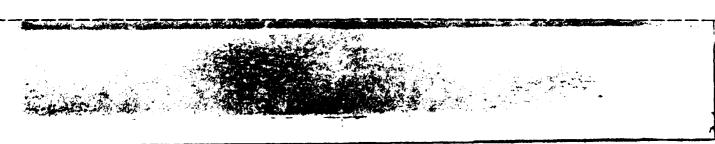
2100-2300

CEILING							VIS	BILITY ST	ATUTE MIL	ES-						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ ⊬.	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	58 • 1 61 • 1	64.5	61.8	62.0 65.2	62.0 65.2	62.0 65.2	62.2 65.3	62.2 65.3	62.2 65.3	62.2 65.3	62.2 65.3	62·2 65·3	62.2 65.3	62.2 65.3	62.2 65.3	62.2 65.3
≥ 18000 ≥ 16000	61.4	64.5	64.9 65.3	65.2 65.5	65.2 65.5	65.2 65.5	65.3 65.6	65.3 65.6	65.3 65.6	65.3 65.6	65.3 65.6	65 • 3 65 • 6	65.3 65.6	65.3 65.6	65.3 65.6	65.3 65.6
≥ 14000 ≥ 12000	61.7 62.6	65.4 66.5	65.8 66.9	66.0 67.1	66.0 67.1	66.0 67.1	66.1 67.2	66.1 67.2	66.1 67.2	66.1 67.2	66.1 67.2	66.1 67.2	66.1 67.2	66.1 67.2	66.1 67.2	66 • 1 67 • 2
≥ 10000 ≥ 9000	63.4	67.4		68.1 68.3	68.1 68.3	68.1 68.3	68.2 68.4	68.2 68.4	68.2 68.4	68.2 68.4	68.2 68.4	68.2 68.4	68.2 68.4	68.2 68.4	68.2 68.4	68.2
≥ 8000 ≥ 7000	64.4	69.2 70.5	71.0	69.9 71.2	71.2	69.9 71.2	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000 ≥ 5000	65.3	70.5	73.4	71.2	71.2	71.2	71.3 73.8	71.3		71.3	71.3	71.3	71.3	71.3	71.3 73.8	71.3
≥ 4500 ≥ 4000	68.7	74.2		74.9 75.6	74.9 75.6	74.9	75.1 75.7	75.1 75.7	75.1 75.7	75.1 75.7	75.1 75.7	75.1 75.7	75.1 75.7	75.1 75.7	75.1	75.7
≥ 3500 ≥ 3000	70.3	76.6	79.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500 ≥ 2000	72.0 73.0	80.2		81.0 82.8	81.0	81.0	81.1 82.9 83.3	81.1	81.1 82.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1 82.9 83.3
≥ 1800	74 • 3 75 • 7	82.5 84.0		83.2 84.7	83.2 84.7 87.7	83.2 84.7	84.8	83.3	84 · 8 87 · 8	83.3 84.8	83.3 84.8	83.3 84.8	83.3 84.8	83.3 84.8	83.3 84.8	84.8
≥ 1200 ≥ 1000 > 900	76.5	87.8	88.4	88.9	89.0	89.D	89.1	89.1	89.1 90.0	89.1 90.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900 ≥ 800 ≥ 700	76.6 76.6	38.7	89.2	95.4	90.6	90.8	91.0	91.5	91.0	91.5	91.0	91.0	91.0	91.0	91.0	91.C
≥ 600	76.6 76.6	89.0	90.4	91.8	92.3	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500 ≥ 400 ≥ 300	76.6	89.2	90.9	92.6	94.0	94.3	95.3 95.8	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
2 200 2 100	76.6	89.2	90.9	92.7	94.2		96.3	98.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	76.6		90.9		94.2	1.11	96.3	98.1	98.4	99.5	99.8	99.8	99.8	99.8		100.0

TOTAL NUMBER OF OBSERVATIONS _____

930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET



CEILING VERSUS VISIBILITY

17904

BERGSTROM AFB TX

68-69,72-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							vis	ABILITY ST	ATUTE MIL	ES.						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	52.1 55.1	56.0 59.6	7 7 7 7	56.4 60.0	56.6 60.2	56.6			56.7 60.3	56.7 60.3	56.8 60.4	56.8 60.4	56.8 60.4	56.8 60.4	56.9 60.5	56.9 60.6
≥ 18000							60.5									
≥ 18000	5 5.4	59.8 69.0	60.1	60.3	60.4	60.4 60.6	60.7	60.5 60.7	60.6 60.7	60.6 60.8	60.6	60.6	60.7	60.7 60.8	60.7 60.9	60.8 61.0
> 14000	56.0	60.7	60.9	61.1	61.2	61.2	61.3		61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6
≥ 12000	57.1	62.0	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	63.0
≥ 10000	58.5	63.6	63.9	64.1	64.2	64.2	64.3	64.3	64 • 3	64.4	64.4	64.4	64.4	64.4	64.5	64.6
≥ 9000	58.8	64.0	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
≥ 8000	59.9	65.7	66.0	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.
≥ 7000	60.9	66.7	67.0	67.2	67.4	67.4	67.5		67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 6000	61.2	67.4			68.1	68.1	68.2		68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5
≥ 5000	62.2	68.6		69.3	69.4		69.5		69.6		69.6	69.7	69.7	69.7	69.7	69.8
≥ 4500	63.0	69.8		70.4	70.6			70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0
≥ 4000	63.4	75.3	70.8	71.0	71.2	71.2	71.3		71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 3500	54.3	71.6	72.	72.3	72.4	72.5			72.6		72.7	72.7	72.7	72.7	72.8	72.5
≥ 3000	65.4	73.6		74.4	74.5	74.5	74.6		74.7	74.7	74.8	74.8	74.8	74.8	74.9	75.6
≥ 2500	66.4	75.5		76.4	76.6	76.7	76.8			76.9	76.9	76.9	77.0		77.0	77.1
≥ 2000	67.1	77.1	` ¬	78.2	78.4	78.5	78.6			78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 1800	67.5	77.9	78.6	79.0	79.2	79.3	79.4	79.5			79.6	79.6	79.6	79.6	79.7	79.8
≥ 1500	68.3	79.7	80.6	81.0	81.3	81.4	81.6		81.6	81.7	81.7	81.7	81.8	24.8	81.8	81.9
≥ 1200	69.2	82.1	83.1	83.8	84.2	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.5
≥ ،000	69.6	83.6	85.0	85.7	86.3	86.5	86.8	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.2	87.2
≥ 900	69.7	84.3	85.7	86.6	87.3	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.
≥ 800	69.8	84.9	86.5	87.6	88.5	88.8	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.6	89.1
≥ 700	69.8	85.3	87.1	88.3	89.4	89.7	90.1	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.8	90.9
≥ 600	69.9	85.6	87.6	89.1	90.2	90.6	91.2	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.9	92.1
≥ 500	70.0	86.0	88.3	90.0	91.5	91.9	92.6	93.0	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.6
≥ 400	70.d	86.2	88.5	90.4	92.2	92.7	93.6	94.2	94.4	94.8	94.9	94.9	95.0	95.0	95.1	95.2
≥ 300	70.0	86.2	88.5	90.5	92.5	93.0	94.1	94.9	95.4	96.0	96.3	96.4	96.5	96.5	96.6	96.8
≥ 200	70.d	86.2	88.5	90.5	92.6	93.2	94.5	95.4	96.0	96.9	97.4	97.5	97.7	97.8	97.9	98.2
≥ 100	70.0	86.2	88.5	90.5	92.7	93.3	94.5	95.5	96.1	97.2	97.9	98.1	98.4	98.5	98.8	99.1
≥ 0	70.d	86.2	88.5	90.5	92.7	93.3	94.5	95.5	96.1	97.2	98.0	98.1	98.5	98.7	99.0	00.0

TOTAL NUMBER OF OBSERVATIONS _

744

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



61.0

CEILING VERSUS VISIBILITY

13904

BERGSTROM AFB TX

68-70,72-80

ALL

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

MONTH

(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)				+			VIS	SIBILITY STA	ATUTE MILL	ES .						
(1261)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/5	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	48.1 52.1	55.1 60.2	55.7 60.9						56.4 61.6	1 1 1 1 1	56.4 61.6	56.4 61.7	56.4 61.7		56.4 61.7	56.5 61.7
≥ 18000 ≥ 16000	52.2 52.4	60.4 60.5	61.1 61.2	61.4 61.6		61.7			61.8		61.9 62.0	61.9 62.0	61.9 62.0	61.9 62.0	61.9 62.0	61.9 62.1
≥ 14000 ≥ 12000	52.9 54.1	61.2 62.8	61.9 63.5	62.3 63.9	62.5 64.1	62.6 64.1			62.7 64.3		62.7	62.7 64.3	62.8 64.4	62.8 64.4	62.8 64.4	62.8 64.4
≥ 10000 ≥ 9000	55.8 56.1	65.2 65.5	7 - 7	66.3 66.7	66.6	66.6 67.0			66.8 67.1		66.8	66.8 67.2	66.8 67.2		66.9 67.2	66.9 67.3
≥ 8000 ≥ 7000	56.9 57.6	66.8 67.6		68.9	68.3 69.2		69.3	69.4		69.4		68.5 69.5		69.5		
≥ 6000 ≥ 5000	58 • 1 58 • 9					70.0 71.2	71.3	71.3		71.4	70.2 71.4	70.2 71.4	71.4	71.5		70.3 71.5
≥ 4500 ≥ 4000	59.8 60.3	70.9 71.7	72.8	72.4 73.2		72.7 73.6	73.7	73.8		73.8	72.9 73.8	72.9 73.8	73.8 73.8	73.9		3.0
≥ 3500 ≥ 3000	61.9	72.9	73.9 75.6	76.1	76.5	74.8	76.7	76.7	76.8	76.8	75.1 76.8	75.1 76.8	75.1 76.8		75.1 76.9	75.2 76.9
≥ 2500 ≥ 2000	63.0 64.2	76.8 79.2			78.9 81.6	79.0 81.7		81.9	82.0	82.0	79.3 82.0	79.3 82.1	82.1	82.1	79.4 82.1	79.4 82.1
≥ 1800 ≥ 1500	64.6		84.0	84.7	82.7		85.5	85.6		85.7	83.2	83.2	83.2	85.8	83.2	83.3
≥ 1200	66.8	84.9	88.4	87.6	90.1	90.3	90.5	90.6		90.7	88.8		88.9 90.8	90.8	88.9	88.9 9J.9
≥ 900 ≥ 800	67.0	87.1		90.3	91.1	91.3	92.8	93.0		93.2	93.2	93.2		93.2	93.3	93.3
≥ 700 ≥ 600	67.4	88.7	90.8	92.2 92.8	94.0	93.4	94.7	94.9	95.0	95.1	95.2	94.2	94.2 95.2	95.3		94.3
≥ 500 ≥ 400	67.4	89.1		93.8	95.4	95.2 95.8	96.5	97.0		97.4	97.5	97.5	96.5 97.6	97.6	97.6	96.6
≥ 300 ≥ 200	67.4	89.2		93.9	95.6	96.2	97.0	97.7	98.0	98.5	98.7	98.3	98.9	99.0		98.5
≥ 100 ≥ 0	67.4	89.2 89.2		93.9 93.9	95.6	96.2 96.2	-						99.1 99.2			

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

ell.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, CVERGAST, & OUSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

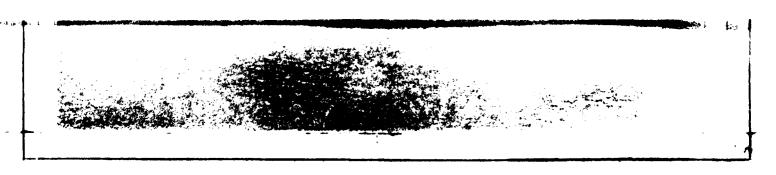
CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

CESSURED WAS CONVERTED TO 10/10



SKY COVER

13904

BERGSTROM AFB TX

69-70,73-80

JAN

STATION

STATION NAME

PERIOD

ОПТН

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	ł			PERCENTAGI	E FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO, OF OBS.
JAN	00-02	28.8			12.9						9.1	49.1	6.1	92
	C3-D5	28.2			9.6						10.4	51.8	6.4	92
	06-08	18.8		 	14.8						12.4	54.1	7.0	92
	09-11	12.2			19.1						16.3	52.4	7.3	931
	12-14	13.3			21.8						19.4	45.5	6.9	930
	15-17	12.0			25.1						19.0	43.9	6.9	93
	18-20	17.7			23.4			<u> </u>			16.7	42.2	6.4	931
	21-23	27.9			15.8						11.9	44.4	6.0	92
	<u> </u>			-	<u> </u>						<u> </u>			
	-										 			
	-					 _						ļ		
10	TALS	19.9			17.8						14.4	47.9	6.6	7428

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13904

BERGSTROM AFB TX

69-70,73-80

FEB

STATION

STATION NAME

PERIOD

HTMON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
FEB	00-02	35.6			11.1						8.5	44.8	5.6	839
	03-05	33.1			8.8						7.6	50.5	6.0	84
	06-08	20.4			15.0						12.8	51.8	6.8	84
	09-11	14.8		<u> </u>	18.2						19.1	47.9	7.1	84
-	12-14	17.7		 	28.9		-		-		21.7	39.6	6.5	84
	15-17	16.7			26.4						22.7	34.3	6.3	84
	19-20	23.0			26.5						17.1	33.5	5.7	84
·	21-23	35.6		·	17.5						12.5	34.5	5.1	84
									-		ļ			
			 .	ļ					_		-			
to	TALS	24.6			18.1						15.3	42.1	6.1	674

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13904 BERGSTROM AFB TX

69-70,73-80

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	NO OF
MAR	00-02	28.4			12.9						12.4	46.3	6.1	922
	03-05	25.0			11.6						11.6	51.8	6.6	92
	06-08	13.6			18.6						14.4	53.4	7.2	920
	09-11	12.7			20.4						19.6	47.2	7.1	92
<u>-</u>	12-14	13.6			24.4	, , , , , , , , , , , , , , , , , , ,					22.0	40.1	6.7	926
	15-17	14.1			26.5						24.7	34.6	6.5	92
	18-20	18.6			27.6						21.1	32.8	6.0	92
	21-23	30.3			18.7						16.5	34.5	5.5	92!
·												, .		
τo	TALS	19.5			20.1						17.8	42.6	6.5	740

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SKY

13904

BERGSTROM AFB TX

69-70,73-80

STATION

STATION NAME

PERLOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENTH	IS OF TOTAL	SKY COVER	t			M
MONIN	(L.S.T.)	0	1	2	3_	4	5	6	7	8	9	10	SKY (
APR	00-02	27.9			11.9		-				17.9	42.3	6
	33-05	23.4			11.2						16.1	49.3	6
	େ6−08	13.5			13.4						18.8	54.3	7
	09-11	12.4			17.8					 	23.7	46.1	7
	12-14	12.4			24.3						28.0	35.4	6
	15-17	12.8			28.0						27.3	31.9	6
	18-20	17.9			26.4	-			l	 	22.8	32.9	6
	21-23	29.3			18.5						16.2	36.0	5
						·							
·					-					 	-		
	i									-	-		
101	TALS	18.7	 ,		18.9					 	21.4	41.0	6

9 % OL AT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



SKY COVER

13964

BERGSTROM AFB TX

69-70,73-80

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	:			MEAN	TOTAL
MONTH	{L.S.T.)	0	1	2	3	4	5	6	7		9	10	TENTHS OF	NO OF
MAY	00-02	25.9			21.0						18.6	34.5	5.8	92
	03-05	20.1			13.5				<u> </u>	 -	20.5	45.9	6.8	920
	06-08	8.6			18.0			<u> </u>			25.2	48.2	7.6	929
	09-11	11.0			20.0			ļ			32.3	36.8	7.2	930
	12-14	9.0			31.1						31.2	28.7	6.6	930
· · _	15-17	8.9		<u> </u>	38.8						27.1	25.2	6.1	930
	18-20	12.9	-		34.5						27.7	24.8	6.0	930
	21-23	27.3			28.0				ļ		18.8	25.8	5.1	929
											 	-		
TO	TALS	15.5			25.6		ļ				25.2	33.7	6.4	7431

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



SKY COVER

13904

BERGSTROM AFB TX

69-70,73-83

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	1			PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	,		•	10	SKY COVER	OBS
JUN	CC-02	38.0			21.9						20.1	20.1	4.5	897
	03-05	21.4	· "		22.7						30.7	25.2	6.0	897
	06-08	8.8		†	25.8						35.0	30.4	7.0	896
	09-11	8.6		<u>†</u>	38.7			 			34.5	18.2	6.1	871
	12-14	7.3		+ ·· ·	50.9		<u> </u>	!	!		28.1	13.7	5.4	900
	15-17	8.7		<u> </u>	55.9				!		22.9	12.6	5.0	900
	18-20	19.3		<u> </u>	52.6			<u>†</u>			16.7	11.4	4.2	900
	21-23	46.9			26.9						13.6	12.6	3.3	891
											-			
					-									
							-				 			
TO	TALS	19.9		 	36.9			 	+		25.2	18.0	5.2	7190

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13904

BERGSTROM AFB TX

69-70,73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIN	(L S T)	0	1	2	3	4	5	6	,	8	7 ,	10	SKY COVER	OBS.
JUL	00-02	45.8			29.4						13.1	11.7	3.2	92
	03-05	27.5			34.1						23.5	15.0	4.6	92
	06-08	6.3		-	41.5						36.2	16.1	6.1	92
	09-11	8.5			51.7						29.0	10.8	5.2	930
	12-14	5.5			58.1						27.0	9.5	5.1	930
	15-17	3.5		<u> </u>	56.7						27.2	12.6	5.4	931
	16-20	8.5			51.0						24.9	15.6	5.3	920
	21-23	40.0			35.9						14.1	10.1	3.4	92
	 		<u> </u>			<u>. </u>		-			ļ			
	 			<u> </u>				1	-		 			
	 													
τo	TALS	18.2		 	44.8		····	 	 		24.4	12.7	4.8	741

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

13904

BERGSTROM AFB TX

69,72-80

AUG

STATION

STATION NAME

PERIOD

HTMOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	Į			PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIN	(L.S.T.)	0	1	2	3	4	5	6	7		9	10	SKY COVER	OBS
AUG	00-02	40.4			31.5						18.1	10.0	3.6	930
	03-05	30.0		<u> </u>	32.9			†		† —	23.3	13.8	4.5	930
	06-08	10.1		1	40.9					-	31.5	17.5	5.8	921
	C9-11	8.4		<u> </u>	47.3						30.9	13.4	5.5	930
	12-14	3.1			57.0						30.3	7.6	5.4	930
	15-17	2.2		†	53.7			†		† !	32.8	11.4	5.7	930
	18-20	8.0		 	49.2	···		†		<u> </u>	31.4	11.4	5.4	930
	21-23	37.4		†	35.5						19.1	8.0	3.6	930
				 				ļ	ļ		 	ļ ——		·
	 			 				-			-			
											 		 - 	
10	TALS	17.5			43.5			 			27.2	11.9	4.9	7437

LICAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13904

BERGSTROM AFB TX

69,72-80

SEP

STATION

STATION NAME

PERIOD

HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER			MEAN	TOTAL
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	,	10	TENTHS OF SKY COVER	NO. OF OBS.
SEP	00-02	34.8		1	25.4					18.5	21.4	4.6	899
	03-05	29.8			24.4					21.1	24.7	5.1	899
	06-08	15.2	_		26.7	•		<u> </u>		 27.8	30.3	6.3	884
	09-11	13.7			34.3					 27.5	24.6	6.0	890
	12-14	9.3		 	43.6			<u> </u>		 29.6	17.6	5.7	900
	15-17	9.3		+	43.9			<u> </u>		 30.6	16.2	5.7	900
	18-20	18.2		†	41.6			<u> </u>		24.6	15.7	5.0	900
	21-23	39.2			27.9					15.4	17.4	۹.0	900
					ļ								
				 					ļ	 ļ			
				<u> </u>						 			
	TALS	21.2			33.5					 24.4	21.0	5.3	7182

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13904

BERGSTROM AFB TX

69,72-80

OCT

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MUNIN	(L.S.T.)	0	1	2	3	4	5	6	,		,	10	TENTHS OF	NO OF 085
oct	00-02	43.9			20.4						14.9	20.8	4.0	930
	03-05	37.0			10.7						18.6	25.7	4.8	929
	06-08	21.9			25.9						23.9	28.3	5.0	726
	09-11	19.1			31.8				1	 	24.5	24.5	5.6	930
	12-14	16.2			39.8			<u>†</u>	<u> </u>		23.7	20.3	5.4	930
	15-17	18.4		+ · · · · · · · · ·	41.6			<u> </u>	<u> </u>		23.4	16.6	5.0	930
	18-20	31.4		†	34.8		-	<u>†</u>	•		17.2	16.6	4.2	930
	21-23	47.8			23.1						10.2	10.8	3.5	921
			<u></u>											·
	TALS	29.5			29.5						19.6	21.5	4.8	7432

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



SKY COVER

13904

BERGSTROM AFB TX

69,72-80

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(LST)	0	1	2	3	4	5	6	,		9	10	SKY COVER	OBS
NOV	00-02	39.1			13.0						13.3	34.6	5.0	900
	03-05	39.3			11.0						12.2	37.5	5.2	896
	76-08	26.4			18.1				<u> </u>	1	17.9	37.6	5.9	890
	09-11	21.2			23.0				1		20.4	35.4	6.1	891
	12-14	22.3	 -		28.4			1			19.6	29.7	5.6	900
	15-17	19.3		<u> </u>	33.2						20.9	26.6	5.5	900
	18-20	29.1		†	28.6			<u> </u>			14.5	27.8	4.9	875
	21-23	43.3			17.7						9.9	29.1	4.3	897
				ļ										
				-										
	<u> </u>										<u> </u>			
τo	TALS	30.0			21.6						16.1	32.3	5.3	7177

USAFETAC FORM 10-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



SKY COVER

13904

BERGSTROM AFB TX

68-69,72-79

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	,	8	9	10	TENTHS OF SKY COVER	NO. OF OBS
DEC	00-02	40.3			15.5						11.5	32.7	4.8	929
	03-05	40.3			15.3						9.0	35.4	4.8	923
	06-08	25.3			20.3			<u> </u>			15.2	39.2	5.9	924
	09-11	19.5		<u> </u>	21.2			 			20.3	39.0	6.4	926
	12-14	20.0			25.2			†			21.8	33.0	6.0	930
	15-17	21.9		<u> </u>	25.9						23.5	28.6	5.8	930
	18-20	27.5		<u> </u>	26.5						16.2	29.8	5.2	930
	21-23	38.6			16.6						13.0	31.8	4.9	928
								-					<u> </u>	
	 							 			 	ļ <u> </u>		
10	TALS	29.2			20.8						16.3	33.7	5.5	7420

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



SKY COVER

13904

BERGSTROM AFB TX

68-70,72-80

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO, OF OBS.
JAN	ALL	19.9			17.0						14.4	47.9	6.6	7428
FEB		24.6			18.1						15.3	42.1	6.1	6743
MAR		19.5			20.1	-					17.8	42.6	6.5	7401
APR		18.7			18.9						21.4	41.0	6.6	7184
MAY		15.5			25.6					-	25.2	33.7	6.4	7431
NUL		19.9		 	36.9					<u> </u>	25.2	18.0	5.2	7190
JUL		18.2			44.8						24.4	12.7	4.8	7419
AUG		17.5			43.5						27.2	11.9	4.9	7431
SEP	-	21.2	· · · · · · · · · · · · · · · · · · ·		33.5						24.4	21.0	5.3	7182
OCT		29.5			29.5					├ <i>─</i>	19.6	21.5	4.8	7432
NOV		30.0	-		21.6						16.1	32.3	5.3	7177
DEC		29.2			20.8					_	16.3	33.7	5.5	7420
TOT	ALS	22.0			27.6						20.6	29.9	5.7	87444

USAFETAC PROPOSED OF THIS FORM ARE OBSOLETE.



PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - Daily minimum temperatures
 Daily mean temperatures

NOTE: Beginning in Jacuary 1964, daily maximum and minimum temperatures are routinely selected from courly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximim and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- Extreme values derived from daily observations with the extreme value selected for each year and month of record available An annual (ALL MONTES) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Twives for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E - 1



- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (Gx). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: weed-bulb compensature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



GLUSAL CLIMATOLOGY BRANCH
USAFETAC
ATE #EATHER SERVICE/MAC
11004 BERGSTROM AFB TX
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP PF	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ANNU
115							<u>.4.</u>	e.	Z.				
120 1						2.5.			1.8.				
95			• 2.	. 3.	2.8			59.5.	19.4	. 9	·		14
Ģ. ^{r.}	•	. 1.	2.0.	4 . 3.		71.4.				11.7.	•1.		. <u>2</u> ε
. c,	. t.	1.7.	7.5.	21.8.	58.9.			96.6		36.4.		• 2	
31.	3.9.	7.7.	24.3	51.8.	82.3.	97.7.		99.1			2 . 9.		–
75	13.0	21.3.	42.6.	74 • 7.	93.5	•	100.0.				20 E	384.	. 64
· •	26.0		62.5	89.6.	97.9.			77.27. 100.0.		ETTY.	.20.12.	70 3	
7		37.3.			,		•	Thn n'			57.5.	30.2	
٠ - د د	40.1.	53.7.	77.5.	95.6.		100.0.			99.7.		71.C.	46.2.	
6 .	52.3.	67.1.	87.0.	98.5.	99 .9 .				99.9			63.9.	
55	65.8.	77.4.	92.7.	•	100.0				100.0			78.1.	
50 [76.1.	87.3	96.2.	99.9						100.0	95.4	87.9	. 95
. 4°	85.4.	94.8.	98.4	100.0.							96.5.	94.2	. 97
4.	92.7	97.8	99.8		_						99.6	98.2	99
3 %	96.3	99.2	99.9	•	-	,	•	•			99.9		99
-	99.2		100.0		•	•	•	•	•			100.0	
26.		100.6		,	•	•	•	•	•			A	100
, -	1.0.0		•		•	•	•	•		• •		-	156
-	1.010.	•	•	•	•	•		•	· - •		•		, 1,44
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			•	•	•	•	ţ	+	i	+		*	-
-	•				+	+		•	•				
*				'	_ →	11.00			=+	+			
MEAN	59.5	64.2.	71.4	78.7	85.0		95. <u>2</u>	95.1	89 · C	_80_∙8	70.U.	62.8	, 73
S D "	12.974	1.6711	: 491	7.342	6.150	6.000	0 45 4	4 000	4 5701	7 6 7 0 1	n 6964	657	15.

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SELPAL CLIMATOLOGY BRANCH SERVICE/MAC ATH WEATHER SERVICE/MAC

WEATHER SERVICE/MAC

BERGSTROM AFB TX
STATION NAME

DAILY TEMPERATURE

42-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

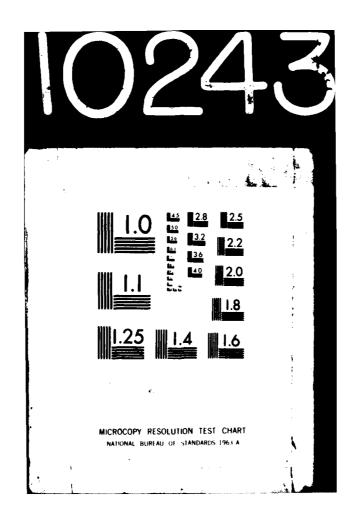
"INI"

_	TEMP (*F	JAN	FEB	MAR	APR	MAY	JUN.	JOF	AUG	SEP	oct	NOV	DEC	ANNUAL
	٤٤							1						• ;
	9:	_					1.2			2			•	
	75	-				5.6	30.2	49.9	43.5	14.7.	1.7.		_	12.
•	70	_ •	i.	. 1.0.	9.4.	31.2	75.1.	96.7	92.7	56.6	12.1	1.8	. 3	31.
:	ა 5	2.	l. 2.0	. 8 . Q.	29.0.	60.3	94.1	99.5	98.8	78.6	26.0	7.3	2.1	42.
•	\$.7	. 4 .	5, 5,5	. 18.3.	48.9	84.6	98.8	100.0		92.3	49.6	16.7	5.4	51,
:	ج 5	1.0	13.9	32.6	68.6.	93.7	100.0			98.1	67.9	28.8	10.9	60.
<u> </u>	5.	18.	2. 25.0	. 51.6.	83.8.	98.7				99.9	85.0	46.3	19.9	63.
<u>*</u>	4.5	79.6	41.2	68.2	93.4.	100.0				100.0	94.6	62.6	34.7	76.9
•	4 C	. 46.0	6. 63.3	83.1	98.2.						98.3	80.4	55.7	85.
-	35	66.	79.3	92.4.	100.0	_					99.6	91.8	77.3	92.
<u>.</u>	₫3	. 73.9	84.9	. 95.2.							99.9	94.7	84.2	94.
<u> </u>	. 36	83.0	92.1	97.6.							190.6	98.1	91.7	96.
<u>.</u>	2.5	93,	08.4	99.4								99.7	97.2	99.
2	2	97.0	99.5	99.7								100.0	99.7	99.
<u>.</u>	15	99.5	99.8	100.0									100.0	99.
<u> </u>	14.	. 99 . :	3. 99.9											100.
•	Ļ		. 100.0											100.1
≥		99.	9 .								·			100.0
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:			:	· ·			•		+		•	•		
	MEAN	39•!	43.0	49.6	58.5	65.6	72.3	74.3	73.8	69.	56.6	48.5	41.7	4.7.
	5 D	13.94	9.961	10.229	8.564	6.272			3.147	5.748	8.7021	284	.661	1
	TOTAL OBS	1166	1054	1144	1080	1116				1680	1161	1127	1115	

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AD-A110 243	AUG 81	TAL TECHNICAL APPLICATION. TEXAS REVISED UNIFORM	ONS CENTERETC F/G 4/2 M SUMMARY OF SURFACEETC!
UNCLASSIFIED	USAFETAC/DS-81/088	- S81-AD-E850	0 126 NL
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GLOBAL CLIMATOLOGY BRANCH USAFETAC

ATR WEATHER SERVICE/MAC
11904 BERGSTROM AFR TX
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	9.2						. 9	3.9	6.9	6				1.0
:	8.5					2.0					. 5			13.3
:	80			. 6	3.7	25.3						• 2		29.3
:	75	. 7	- 5	6.4	: 7	61.3				80.8		5.6	. 4	41.4
•	72	3.0	6.1	18.4	49.9		99.2	100.0		94.D		17.1		52.4
•	65	9.9	15.0	38.0			100.0					31.3		
	23	20.0										50.3		71.5
	55	,	47.9							130.0				
:	50	50.9			99.5					5	99.5			87
:	45	66.6									100.0			93.1
•	40	81.2			100.0						100.0	98.2	,	96.9
	35	91.2			_ <u> </u>								97.5	76.6
:	35		99.4							<u> </u>	ļ·		99.7	99.7
		99.1											100.0	99.9
-					- •		·						AUU • U	
-	2 <u>0</u> 15		130.0		+									100.0
	<u>1</u> 2 _	99.8	• • • • • • • • • • • • • • • • • • • •		→									100.0
<u>-</u>	· 1 - 1 1	<u> </u>												100.0
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•														
	MEAN	49.6	53.8	60.7	68.8	75.5	81.9	84.9	84.6	79.2	70.0	59.5	52.5	68.4
	S. D.	1 .968	9.777	9.526										14.526
	TOTAL OBS.		1054			1116							1115	



IL .AL CLIMATOLOGY BRANCH ISAFETAC AIT ASATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 314 BERGSTROM AFB TX
STATION STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
42									,	67	84=	7.9	
43	34	8.3	3.6	ن 9	96	99	101	104	97	8.6	8.5	81	10
44	7.2	80	8.2	90	6.3	96	103	101	98	9.2	86	73	10
45 j	77	81	85	9.8	98	96	97	104	97	91	86	7 <i>e</i>	1.00
4 E	75≉	72			T					88	85		
47	¥ 8.1	79	. 86	<u> </u>									
48	75	83	90	9.2	94	100	102	103	101	94	88	0.3	10
49	82	78	34		96	96	133	102	9 9	91	8.8	9.3	15
5.	8.3	82	91	87	94	98	100	161	98	92	98	81	1
51	5.3	8 1	8 9	99	98	97	106	135	107	95	90	34	1 ^ .
52	2.1	34	9	€ 5	95	96	100	104	102	5 3	8.5	77	100
5.3	દ ધ	3.6	67	91	94	133	172	107	105	97	82	73	10
5,4	82	89	91	20	95	99	106	104	191	96	34	44	109
5.5	8.2	7.5	92	24	99	99	100	101	97	93	67	91	1.
5 ≲	\$ 2	8.5	91	4	96	113	103	104	103	96	9.5	9.1	10
5.7	82	89	8.8	<u> 37</u>	92	98	1 0 5	103	101	87	8.3	ے د	17
50	7.3	77	8 C	93	97	99	102	102	97	9 J	85	79	1.
5 ≆	78	92	91	39	96	99	97	100	99	93	84	74	10
50	7 5	87	88	9 (i	9 2	194	104	8.9	95	90	85	77	1.5
51	7.5	0.8	37	95	96	96	95	101	97	9.2	86	79	10
sέ	77	8 6	8.5	8 9	92	96	102	1 6	96	93	86	77	1
5.3	86	3.3	57	94	96	99	102	161	103	92	87	75	11
64	76	79	8.3	8.8	96	97	103	102	98	86	84	9.2	10
65	78	72	84	۶6	88	93	99	98	9.7	89	86	75	91
66	73	73	3.5	8.8	91	92	100	98	93	91	84	8.3	101
67	78	77	93	89	9.8	99	101	103	95	8.6	85	78	1.
6.8	74	75	79	84	91	9 3	94	98	9.5	90	85	76	Ç
69	81		8.2	8.3	90	97	101	1.75	98	9.5	88	75	10
7 0	77	78	78	3 7	89	96	101	99	95	83	8 3	8.1	10
71	89	81	9 છ	93	93	98	101	95	97	89	82	ادع	1:
MEAN													
S. D.													
TOTAL OBS.								[1		1		

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 DES)



SHIPAL CLIMATCLOSY FRANCH SCHEETAC Al FEATHER SERVICEZMAC

EXTREME VALUES

MAXIMUM TEMPLEATURE

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

VEARS

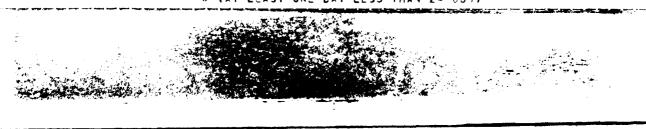
.HOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
7.	80	ა 5	9!	95	91	97	* 100	9.6	57	92	53	<u>د</u> ت	#]
73	76	76	8.5	87	93	9.2	9.5	96	90	92	5.8	5.5	ن ب
74	e J	35	91	8.8	93	101	194	9.7	04	83	83	70	1.4
7 -	36	3.1	8.8	90	8.8	93	98	9.5	9.6	91	8.8	6.]	Ç Ş
70	7 5	84	92	55	9.0	97	95	106	94	56	77	74	1.50
7.7	6.1	36	8 7	99	0.7	95	103	151	100	c 5	34	3 ع	1 1
7 -	8	8 7	85	8 8	9 5	97	106	100	94	ខុន	86	के ह	166
7 7	7.1	š 1	81	2.4	83	98	98	97	93	95	81	76	9.8
3.	7 -	88	8.6	8.8	91	104	153	171	9.8	9.7	88		
MEAN	79.1	81.8	26.9	50.3	23.7	97.4	150.7	100.9	57.7	91.7	C 5 . 2	79.7	1.2.4
S. D.	4.648		4.5)5	3.454	93.3 3.180	3.034	3-184	3.080	3.526	3-129	2.522	3.739	3.712
TOTAL OBS.	1166	1054	1144	1080	1116	1080	1115	1116	1080	1161	1127	1115	13354

NOTES # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 085)



STREAM CLIMATOLOGY FRANCH USAFLITAC ATH WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE |

(FROM DAILY OBSERVATIONS)

1 4 SERGSTROM AFE TX
STATION STATION NAME

42-50

VEARS

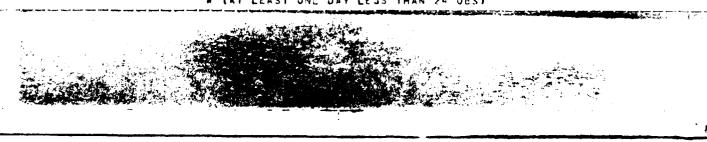
WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	D€C.	ALL MONTHS
4.7										* 4º	33	¥ 31	
43	14	31	19	46	51	6.3	66	<u> </u>	50	39	31	21	14
44	15	28	30	42	46	6.4	67	56	5.9	43	32	2.6	1 (
45	33	34	41	37	4.8	64	69	69	5.3	3 8	33	23	2
4 E	26		j	1		j	Ì	I		× 41	4 1	j	
47	* 31	25											
45	18	24	19	4 6	54	6 2	7 ũ	7.2	54	4.3	29	31	1
49	-5	18	37	41	5.8	64	71	67	5.3	41	36	26	1
50	27	33	29	42	59	64	59	56	63	52	25	17	. 1
51	16	8	72	37	5.1	64	74	73	5.7	5	26	2.5	
5.	3.3	32	30	43	5 3	6.5	7 2	5.9	5 8	4.0	3 3	24	21 21 21 21 21 21 21 21 21 21 21 21 21 2
5.3	2.6	3.4	4	41	4.9	6.5	67	70	57	49	36	25	2
54	24	2.9	3.3	44	46	64	7 2	72	59	4.2	39	∴ 3	21
5.5	29	26	26	49	59	5 7	71	<u> 7c</u>	65	39	29		
5 6	28	25	30	43	61	6.7	72	67	6.0	47	3.1	33	21
5 7	25	39		37	5.3	6.4	7	69	5 8	34	32	23	2
5 8	27	24	34	47	56	67	71	67	6	49	32	74	2 (1)
59	it	33	34	40	60	6.8	71	66	5.5	4.3	26	- 30	1
5 <u>.</u> .	29	24	29	42	48	6.6	72	70	5.8	46	35	7.8	21 21
51	26	32	37	39	۲ 4	6 4	<u> 6</u>	60	54	44	36	26	<u> </u>
6.2	12	28	25	37	5 3	ა 6	70	7 0	5.8	4.6	34	24	1.
6.3	14	23	33	45	5 3	6.8	69	7.	56	5.	30	22	1'
54	11	29	33	4 1	54	56	69	72	67	37	32	?6	1
55	25	24	24	46	5.3	64	64	67	5.7	39	32	31	11 11 21
66	17	26	28	43	5 5	62	69	63	56	36	30	21	1
67	24	19	31	51	48	6.5	62	ن 6	4.5	41	3.6	26	
68	22	25	28	40	5.3	60	6.3	63	5 2	42	31	24	2:
69	20	32	31	49	49	5 7	69	66	59	46	30	27	
70	17	28	32	36	4 8	56	62	67	54	37	28	79	1
71	25	24	25	35	45	67	6.5	56	52	5.0	39	37	2.1
MEAN	 							∤					
S. D. TOTAL OBS.													
IUIAL COS.		NOTES									i		

NOTES + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 085)



CLU-AL CLIMATOLOGY PRANCH CRAFITAC AIR WEATHIR SERVICEZMAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

WHOLE DESPEES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
7.2	1 7	zd	3.5	4.2	5.5	63	6.5	££	5.3	4.5	3.2	-1	:
75	15	23	4 2	6	47	6.1	6.6	54	5.5	49	36	24	i
74	26	28	3 3	41	6 1	61	69	71	5.0	44	35	28	2
75	19	27	34	3.8	58	56	69	6.9	50	4.2	23	7 ↓	1
76	20	32	35	4 5	49	5 8	75	66	5.3	3.5	2 7	24	2
77	2	30	33	44	5.8	6.5	69	72	66	7.9	. 32	?6	
7 č	2.1	23	26	45	46	64	71	71	6.0	43	33	le	i
79	1 à	24	34	41	49	5.7	7 -	6.9	5 (-	4]	23	24	
3.7	26	26	19	36	5.5	6 3	73	7.	5.6	3.2	3.2		
										_			
					-		 						
MEAN	20.9	26.6	31.0	41.8	52.6	62.8	69.3	67.8	56.7	42.6	31.5	25.4	18
S. D.	7.138	5.473	5.516	4.031	4.687	3.544	2.995	3.350			4,214		5.20
OTAL OBS.	1166	1054	1144	1686	1116	1090	1115	1116	1080	1161	1127	1115	1335

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 085)



cities .

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-80 2020-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 Wet Bulb Dew Point 72/ 71 71/ 69 1.0 5 11 6 68/ 67 1.0 11 . 8 13 7 56/ 65 . 2 20 17 64/ 63 1.1 20 13 25 25 18 62/ 61 5:/ 59 2.7 • 1 38 38 29 22 29 30 28 28 57 • 2 55 24 24 23 31 55/ . 6 1.5 31 17 53 . 1 . 9 31 13 52/ 51 1.3 33 33 27 17 . 8 • 2 50/ 49 41 41 32 27 . 5 1.3 41 19 59 47 .1 2.5 2.3 • 1 59 43/ 57 57 53 44 46/ 45 1.3 2.2 1.5 . 6 57 44/ 43 1.2 2.9 1.0 57 65 37 i 42/ 41 2.0 1.7 61 48 51 61 40/ 39 2.9 2.3 77 77 54 60 40 62 71 71 3.9 60 60 81 58 35 1.7 76/ 49 49 33 81 45 68 73 58 32/ 31 1.3 2.7 68 1.6 1.6 30/ 1.5 1.0 28 28 26 23 23 42 28/ 56 27 1.1 1.1 26/ 25 .9 22 22 34 41 1.2 10 10 23 23 24/ 23 • 6 18 22/ 21 8 8 3 20/ 19 3 9 26 2 18/ 17 22 16/ 15 21 13 16 8 12/ 11 10/ 9 7 7 4 8/ Mean No. of Hours with Temperatur +67 F = 73 F = 80 F ± 32 F ≥ 93 F Total Rel. Hum. 4 0 F Dry Bulb Wet Bulb

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AC NOM 0-26-5 (OLA) RIVIED FO

USAFETAC rom

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-80 STATION STATION NAME YEARS 0000-0200 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 12.444.524.712.4 4.0 1.1 93 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 6039660 73446 79.016.050 930 10F 2 32 F ±67 F = 73 F = 80 F 930 Dry Bulb 1869052 16.3 2.7 40376 43.411.180 1666975 37919 40.811.408 930 22.8 1.5 Dew Peint 1439051 930 1.4

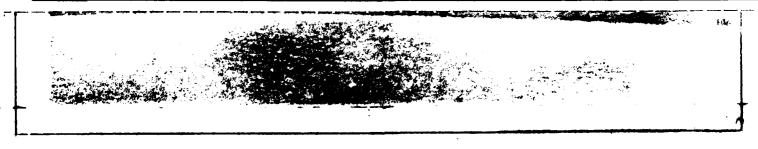
ETAC FORM 0-26-5 (OL.A) BETWEE METFOLIS EDITIONS OF 1

d.

PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX 69-70,73-80 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500 MOUNTS (L. S. T.)

Temp.		_				WET	BULB 1	TEMPER	ATURE	DEPR	SSION (F)				•		TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.8./W.8.	Dry Bulb	Wet Bulb	Dew Paint
72/ 71		. 3																3	3		
73/ 69		. 9	. 3					<u></u>										11	11	9	
60/ 67		. 9	• 3															11	11	3	5 :
66/ 65	• 1	1.1									l .	!!						11	11	14	1.0
54/ 63	• 2	1.1	• 5															17	17	17	16
62/ 61	. 8	1.7	. 1					• 3		l							l	27	27	21	
63/ 59	•6	1.0	. 4	• 3		• 1	• 1	• 1										25	25	27	26
58/ 57	1.0	1.0	• 2		• 1	. 1	• 1			L					L1			23	23	14	25 8
56/ 55	• 2	1.1	• 1		• 4	• 3				Γ								20	20	13	8
54/ 53	• 3	1.7		• 2	. 2	. 1												24	24	21	22
52/ 51	• 9	1.8	• 3	• 5	• 1													34	34	25	22
50/ 49	• 6	1.6	1.1	. 4											1			35	35	23	26
43/ 47	• 6	3.2	1.1	• 1	• 4	- 1	• 1		ĺ									52	52	47	25
46/ 45	1.8	2.0	2.0	• 5	• 3	. 2			L									65	65	65	
44/ 43	• 5	2.9	1.5	1.0	• 1													56	56	39	
42/ 41	• 6		. 8	1.3	. 4			L		l								57	57	61	
4C/ 39	1.0	2.3	2.3	• 6	• 6				Ī						i			63	63	49	47
38/ 37	1.7	2.7	1.9	1.4	• 2						<u>. </u>							74	74	61	58
36/ 35	1.8	3.3	1.2	• 3	• 1													€3	63	80	
34/ 33	. 8	3.0	1.5	• 5	• 2													56	56	61	
32/ 31	1.2	4.0	1.5	• 5	- 1													68	68	83	
30/ 29	• 5		1.4	. 3														40	40	47	
28/ 27	• 5	1.8	1.1	• 3														35	35	43	1
26/ 25	• 3	1.0	. 8	• 1														20	20	40	
24/ 23	l	• 6	• 5															13	13	27	
22/ 21	- 5		• 1	• 1														15	15	18	
26/ 19		. 8																7	7	9	-
18/ 17		• 5																5	5	9	
16/ 15						П									T			1		4	
14/ 13																					19
12/ 11]				I																13
16/ 9																					4
8/ 7	Ţ				1	7		·				I									2
6/ 5											<u></u>			<u>i</u>				L			2
Element (X)		ΣX,			Z X		X	" A		No. OL					Meen N	e. of He	wra with	Temperat	ure		
Rel. Hum.												501	•	32 F	= 67	F a	73 F	> 80 F	- 93	F	Tetel
Dry Bulb																					
Wet Bulb																\bot					
Dew Peint													i			\bot					



0-26-5 (OLA) myste nevous terrons or

AFETAC NOW 0-26-5 (0

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC BERGSTROM AFB TX 69-711,73-80 0300-0500 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8-W.B. Dry Bulb Wet Bulb Dew Point 4/ 3 -2**/ -3** -6/ -7 -8/ -9 TOTAL 16.848.221.1 8.9 936 930 930 No. Obs. Mean He. of Hours with Temperature Rel. Hum. 930 ±67 F = 73 F = 80 F = 93 F 74929 80.615.783 6268371 2 0 F 1 32 F 42.011.445 39.711.594 2.5 Dry Bulb 1765404 39798 930 20.3 930 Wet Bulb 1590726 36922 28.0 1.2

- Trans

PSYCHROMETRIC SUMMARY

12904 BERGSTROM AFB TX
STATION STATION NAME

69-70,73-80

JAN MONTH

PAGE 1

3600-0805

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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 4/ 3 -4/ -5 929 14.452.121.3 7.5 3.1 1.1 TOTAL 929 929 No. Obs. Element (X) Mean No. of Hours with Temperature Zx' X = 67 F = 73 F = 80 F Rel. Hum. 6332457 75337 81.115.502 929 930 22.8 2.0 41.011.417 1682213 38103 Dry Bulb 1521259 Wet Bulb 36 ~ 25 38.811.572 929 30.7 1.0 .3 42.9 1.0

69-70,73-80

(OL A) 0.26-5

PSYCHROMETRIC SUMMA

13904 EERGSTROM AFB TX
STATION STATION NAME

69-70,73-80

JAN

PAGE 1

0900-11

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FORM 0.26-5 (OL A) REVISED MEYICUS EDITIONS

USAFETAC HORM A 24 6 10



1 '904 BERGSTROM AFB TX
STATION STATION NAME

GLUBAL CLIMATOLOGY BRANCH USAFETAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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69-70,73-80

PSYCHROMETRIC SUMMARY

17914 BERGSTROM AFB TX
STATION NAME

69-70,73-80

MONTH

PAGE 1

YEARS

1200-1406 HOURS (L. S. T.)

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USAFETAC

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PSYCHROMETRIC SUMMARY

STATION SERGISTROM AFB TX PAGE 2 1250-1460 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 D.S./W.S. Dry Bulb Wet Bulb Dew Point 14/ 13 25 1./ 11 13 9 1../ 2 3/ 7 5 6/ 1 / -1 CTAL 5.516.215.612.013.912.210.4 5.9 4.2 2.0 1.1 .6 930 930 930 930 Element (X) ZX, I No. Obs. Mean No. of Hours with Temperature 60.322.785 52.913.294 Rel. Hum. 56097 +67 F +73 F +80 F +93 F 3866025 930 1 32 F Dry Bulb 2769245 49221 930 4.0 18.8 7.5 Wer Bulb 2080654 42674 45.911.484 930 12.5 3.4 Dew Point 1511000 34950 930 35.4 1.0

69-70,73-80

ğ 0-26-5

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13904

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-80 JAN STATION STATION NAME MONTH PAGE 1 1590-1790 -HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 46/ 85 • 2 3 . 1 84/ 83 • 1 . 1 32/ 81 • 3 • 1 • 1 • 1 6 6 - 1 79 • 3 • 1 11 11 • 5 73/ 77 • 5 • 2 25 25 • 1 • 3 • 2 • 1 • 1 . 1 76/ 75 32 32 74/ 73 • 2 . 3 • 2 27 27 . 8 • 5 • 1 72/ 71 1 . 4 37 37 . 6 . 2 . 2 . 1 7.1 69 • 3 35 1.0 • 2 • 2 • 5 • 3 1.0 • 1 35 8 63/ 67 . 3 . 8 . 2 • 5 48 48 . 8 . 6 667 65 • 5 • 2 • 5 • 2 . 6 • 5 36 36 39 . 2 48 48 . 9 1.4 • 3 23 64/ 63 . 6 . 4 • 5 .4 . 1 . 4 • 3 • 2 37 37 37 23 621 61 1.2 • 3 <u>60/ 5</u>9 36 47 29 • 2 . 2 • 5 . 2 . 8 . 8 36 39 5.67 57 • 5 • 5 1.4 • 3 39 33 26 • 5 • 1 • 2 • 5 50/ 55 1.4 39 39 54 19 • 2 1.1 54/ 53 35 35 3**0** 35 1.0 • 4 • 5 • 6 • 8 52/ 51 . 5 • 6 . 9 . 8 . 6 . 2 42 42 38 32 E [/ 49 . 4 44 44 45 22 1.4 . 8 • 5 1.0 48/ 47 1.0 50 50 59 1.2 . 5 . 8 36 . 9 45/ 45 • 5 . 8 • 6 • 5 1.3 1.0 52 52 64 46 44/ 43 • 3 . 9 . 9 . 4 • 5 34 34 68 28 42/ 41 2.3 .4 . 8 • 5 • 3 52 52 49 48 • 1 1.2 4 3/ 39 38 38 • 5 1.1 • 5 50 43 38/ 37 • 6 1.3 1.4 1.0 40 40 62 62 29 29 36/ 35 1.3 . 9 45 5 C 34/ 33 • 5 1.0 19 19 48 35 • 1 32/ 31 . 8 19 19 47 • 5 46 3 1/ 29 33 • 5 • 3 45 28/ 27 . 2 16 4 C 26/ 25 45 28 24/ 23 22/ 21 41 2./ 19 34 Zz, No. Obs. Element (X) Mann No. of Hours with Temperature Rel. Hum. 10 F s 32 F ≥ 73 F Dry Bulb Wer Bulb Dew Peint

POBM 0-26-5 (OL A) REVISE MEYOUS TOTIONS OF THIS

AFETAC 10th 0.34.5 (0) A



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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 1:904 BERGSTROM AFB TX
STATION STATION 69-70,73-80 STATION NAME PAGE ? 1500-1700 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 - 4 5 - 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 - 24 25 . 26 27 . 28 29 . 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 9 18/ 17 25 10/ 15 17 14/ 13 12/ 11 :../ 9 7 3/ 6/ 5 4/ 4.215.710.412.811.512.711.010.0 4.5 3.4 2.0 .6 930 930 TOTAL 930 930 ₹ õ Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. 57.023.151 55.013.565 46.911.250 930 × 67 F × 73 F × 80 F × 93 F 53055 2 0 F 3524605 1 32 F 22.9 10.9 Dry Bulb 2982868 51138 930 3.1 10.1 3.8 43628 930 2164242 Wet Bulb Dem Peint 1517511

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PSYCHROMETRIC SUMMARY

BERGSTROM AFP TX 69-70,73-80 JAN 1856-20at PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 70/ 77 • 1 76/ 75 . 3 • 1 74/ 73 • 3 • 1 11 11 • 2 72/ 71 • 5 • 1 • 1 14 14 7./ 69 • 3 14 • 2 14 • 3 • 3 • 1 60/ 67 34 • 3 1.0 33 16/ 65 . 4 • 3 33 10 6 . 8 35 25 +4/ 63 35 19 627 61 1.2 1.0 • 3 • 2 4 4 44 33 66/ 59 1.0 • 6 . 8 • 2 49 49 37 . 4 - 2 . 8 58/ 57 . 8 . 6 1.0 38 38 31 25 56/ 55 . 5 . 8 . 5 .6 1.2 41 41 37 . 8 54/ 53 . 8 1.2 .6 . 9 54 39 36 1.0 52/ 51 47 47 1.3 1.3 . 8 • 6 38 21 1.3 . 8 51 21 50/ 49 • 1 .6 1.2 1.1 • 1 52 . 4 43/ 47 1.4 1.1 46 55 40/ 45 2.4 . 6 . 6 1.5 1.4 • 6 70 70 60 48 44/ 43 1.3 1.2 • 3 47 47 60 45 42/ 41 2.5 57 1.4 1.0 • 6 57 43 49 35 43/ 39 . 9 . 3 49 49 8 9 . 8 1.5 1.1 38/ 37 1.3 2.0 . 8 • 5 59 59 5**5** 4ε . 8 36/ 35 57 • 1 1.6 . 6 • 3 3 **3** 33 64 • 9 34/ 33 1.8 . 8 5 3 . 6 40 40 56 72/ 31 1.2 1.3 - 6 • 6 • 1 36 36 51 33/ 29 . 2 . 6 14 14 44 36 • 3 21 ^6/ 25 19 42 • 1 20 22/ 21 36 3J/ 19 39 18/ 17 27 16/ 15 14/ 13 12/ 11 Element (X) Mean No. of Hours with Temperature Rel. Hum. 2 0 F s 32 F ±67 F = 73 F = 80 F = 93 F Terel Dry Bulb Wet Bulb Dew Paint

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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-78,73-80 JAN STATION NAME MONTH 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 6 7 1 ارد 5 6.222.420.318.213.410.0 5.4 2.7 DIAL • 3 930 • 6 93[930 930 Element (X) Mean No. of Hours with Temperature 930 67.220.317 Rel. Hum. ±67 F = 73 F = 80 F = 93 F 4580921 62479 1 32 F 49.511.486 44.310.767 Dry Bulb 2402281 46045 930 5.8 7.8 1.6 1933602 930 Wet Bulb 41208 13.9 1.6 1504092 35202 930 33.8 Dew Point .7

sites in a

D-26-5 (OLA) sevislo nevous somons or n

SAFETAC NOW 0-26-5

PSYCHROMETRIC SUMMARY

17974 BERGSTROM AFB TX

69-70,73-80

JAN

PAGE 1

2100-2300 HOURS (L. S. T.)

7						WET	BULB	FEMPER	ATHE	DEPRI	SSION (E)						TOTAL		TOTAL	
Temp. (F)	0	1 - 2	3 - 4	5.4	7 .								22 . 24	26 24	27 . 20	20 . 3	0 + 31		Dev Bulk		Dew Point
72/ 71	_•⊢			3.6	/·•	7 - 10	11 - 12	13 - 14	13 - 10	17 - 10	17 - 20	21 - 22	23 · 24	23 - 20	27 . 20	27.3	1	8	8	401 0010	1
7./ 69	ĺ	• 8	• 1		• 1					1	ĺ	i .		ĺ	1	1	ĺ	ا و	9	8	3
-	• 3	• 6	• 2	•1	• 1			-		├	-					+	+	15	15	11	
	• 3	9	• 5	• 2						.1					ļ	1	1	16	16	12	
56/ 65 54/ 63	- 7		.4	• 2		• 2				••		-	├	 	}	┼	+-	18	18	13	
	• 3	. 8	.4		١, ١			3		}					İ		1	32	32	23	
62 / 61	• 4	2.5	1.4	• 4	• 1	•1		• 2		├				├ ──		+	+	46	46	20	
55/ 57	- 1	2.2	1.1	• 3	. 3	• -	• 1			ł	ľ		ľ	1	ł	ł	1	39	39	41	
56/ 55	•2	• 5	•6	• 5	•6	• 1	• 2			 		\vdash			 	+	+ -	26	26	32	
50/ 53 54/ 53	. 2	1.0	• 9	. 8	1.2	. 2	• •			ł								39	39	22	
£ 2/ 51	• 3	1.9	1.4	• 6	.8	• -	• 2				-				 -	+	+	49	49	26	
53/ 49	• 5			. 8	• 3	. 4	• 2											53	53	40	
49/ 47	- 4	2.3	1.4	1.2	• 6	• 6	.1				 	-	-			+-	+	62	62	58	
46/ 45	1.0	1.9	1.4	9	9	. 2	••					}	}	}	ł	1	1	58	58	66	1 -
44/ 43	.5	2.2	1.5	1.4	1.3					 	-			 	╁	+	+	64	64	52	
42/ 41	.1	2.4	1.3	1.1	. 8	. 1								ł				53	53	45	
4./ 39	• 6	1.9	2.2	1.1	1.7	• 2				 				 	 	+	 	65	65	60	
33/ 37	1.7	1.8	1.9	1.0	. 6	. 2]				1				68	68	79	
7 o/ 35	.1	3.1	2.2	1.2	• 3										_	†	+	64	64	73	4
34/ 33	. 5	1.8		. 4	. 1					ł	ł			l	l	}	1	43	4.3	65	1
72/ 31	1.0	1.7	1.5	. 8	• 2										 	1	 	48	48	56	
36/ 29	• • •	. 8	1.1	. 1	.1													19	19	50	
3/ 27		1.0	1.0	• 2	• 1					— —					 	1		21	21	28	
26/ 25		. 4	• 5						}								1	9	9	22	48
24/ 23		•2	• 1													1	1	3	3	17	
72/ 21	}	• 2		1	ł	ł				l	1			ł	ł	ł	1	2	2	9	
23/ 19		• 1															1	1	1	1	
18/ 17	}									l				l		i		l i		1	
16/ 15																					11
14/ 13	1															1		l			12
12/ 11	1										[T					6
15/ 9	l													L	L	<u>L</u>	<u> </u>				6
8/ 7																Ī					?
4/ 3	[L	L			L			1	ll			2
Element (X)		ZX'			2 1		X	₹		No. Ol	9.				Mean	No. of I	tours wit	h Temperet	ure		
Rei. Hum.												≤ 0 1		1 32 F	2.6	7 F	* 73 F	- 90 F	× 93		Tetel
Dry Builb																					
War Bulb																					
Dew Point																			I		

Dew Point

cil.

OL. A) REVISED MEVIOUS EDITIONS OF THIS FORM ARE DISCULLE

1C 10m 0.26-5 (OL

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13904 BERGSTROM AFB TX 69-70,73-80 STATION NAME 2100-230C PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 12 17 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Daw Point (F) TOTAL 8.636.827.313.8 9.7 2.71 930 930 930 930 ತ Mean No. of Hours with Temperature Element (X) No. Obs. 75.417.357 45.610.852 5561648 70086 930 s 32 F *67 F = 73 F = 80 F ■ 93 F 930 Dry Bulb 2046488 10.3 42444 Wet Bulb 1774119 39311 42.311.002 930 18.4 1.9 Dew Peint 1489351 1.5

all .

PSYCHROMETRIC SUMMARY

13974 STATION BERGSTROM AFB TX 69-70,73-80 STATION NAME PAGE

1	ALL	
	HOURS (L. S. T.)	

Temp.				-		WET	BULB	TEMPE	ATUPE	DEPP	SSION /	(F)						TOTAL	1	TOTAL	
(F)	0	1 2	1 2 4	5 4	7 .								22 . 24	25 . 24	27 . 28	20 . 20	- 31	D.B./W.B.	Dev Bulb		Dew Paint
56/ 85	-	1:2	3.4	3.0	/ - •	7.10	1,1 - 12	13 - 14	13 . 16	17 - 18	17 - 20	21 - 22	.0	.0	27 - 20	.7 - 30		7	3	***************************************	
24/ 83		İ	1					1	•0	.0		.0	.0					5	, 5		İ
3/ 81			-	-	 	 	•0		• 0		•0	•0	• 5	• 0	+	-	-	10		 	
3./ 79					İ	.0			.1	.0		.0	•0		1			16	16	i	
75/ 77		-	-	•0	• 1	•1		.0	•0		•0	•0	•0		\longrightarrow			45	45	 	
76/ 75			. ,	.1	.2	.3		• 1			.0	.0	•0		1 1			60	60		
74/ 73		.0	•1	. 1	•2	-1		•0	.0		.0	•1	•0		 			68	68	 	
72/ 71		.3	.2	.2	.1	. 1	2	.1	.2		.0	••						119	119	10	2
1 69	• 3		• 5	• 2	• 1	•2		•2	•1	•0								142	142	66	31
68/ 67	.1	.6	.5	.2	.3	.2		.2	.1	1	.1							189	189	88	54
66/ 65	•0		.4	• 1	•2	• 1	•2	• 2	•1	• 1	•0							185	185	162	78
64/ 63	.2	1	. 4	.3	.1	.2		.3	i	.i	.0							206	206	158	153
62/ 61	• 3			. 4	• 1	• 1		• 2	• 1		-				- 1			241	241	183	146
60/ 59	• 3		.7	. 3	• 3	.3		.3	.2	1				1 i	1			292	292	248	194
58/ 57	• 3		• 5	• 3				• 3	•1					<u> </u>				267	267	226	196
56/ 55	• 1	.7	.4	. 3	.5	.4	I -	.2	0.0	1	ŀ				li			242	242	233	164
54/ 53	•1	1.1	• 5	.6	• 6	_		• 1									_	277	277	203	170
-2/ 51	• 5	1.3	. 8	. 5	. 4	.3	.3	• 1	.0						i [316	316	249	184
50/ 49	• 5		1.1	.8	• 3	.5		• 1		1								352	352	304	215
48/ 47	• 6	2.3	1.0	. 9	• 5	. 5	. 3	• 1]	İ							463	463	410	224
40/ 45	.8		1.3	. 8	• 7	. 4	• 3	•0										450	450	484	349
44/ 43	• 5	1.8	1.3	.7	• 5	. 4	. 1											395	395	449	303
42/ 41	. 4	2.4	1.0	1.1	• 6	. 4	• 1											440	440	429	334
43/ 39	.8	2.0	1.3	. 9	. 9	• 2	• 0											460	460	468	389
33/ 37	1.4	2.2	1.3	1.1	• 7	• 1	• 0											505	505	511	430
30/ 35	• 5	2.6	1.2	• 6	. 4	•0				L								397	397	508	452
34/ 33	.7	1.7	1.5	.6	• 2	•0												351	351	493	394
32/ 31	. 8	2.0	1.2	. 8	• 1	• 0				1								360	360	460	461
36/ 29	• 3	1.2	1.0	• 3	• 0													199	199	349	396
28/ 27	• 2	1.2	.9	. 1	• 0		L			L						1		185	185	259	377
26 / 25	• 1	• 5	.4	• 1					-									82	82	238	357
24/ 23	• 0	• 3	.2	• 0														40	40	113	194
22/ 21	. 1	• 3	•1	• 0														40	40	70	265
20/ 19		. 3		• 0														23	24	30	259
Element (X)		Σ _χ ′			z _z		I	₽ A		No. O	0.				Mean No	o. of He	urs wit	h Tempere	ture		
Rel. Hum.												± 0 (32 F	= 67		73 F	- 80 F	▶ 93	F	Total
Dry Bulb											I										
Wer Bulb													\perp								
Dow Point																					

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC STATION BERGSTROM AFB TX 69-70,73-85 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 18/ 17 • 1 24 163 • 0 10/ 15 13 17. 14/ 13 145 12/ 11 8.3 41 7 61 5 1 -2/ -3 -4/ -5 -6/ -7 -a/ -9 9.633.920.012.8 8.4 5.8 4.1 2.6 1.2 7440 7439 7439 7439 Element (X) 71.720.958 Rel. Hum. 41463069 533049 7439 ≤ 32 F # 67 F # 73 F # 60 F 10F 7440 94.4 65.7 20.7 Dry Bulb 17629709 349371 2.7 744 316985 42.611.635 7439 155.7 16.4 Wet Bulb 14514073 744 11633756 275232 1.2 297.7 744

510.7

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX

69-70,73-80

FEB

PAGE 1

0000-0200

HOURS	(ι.	5.	T.)	

																			HOURS (L. S. T.
Temp.										E DEPRE							TOTAL		TOTAL	
(F)	G	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 10	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30 E	0.8.74.8	Dry Bulb	Wet Bulb	Dew P
72/ 71			• 2										· .	Ī			2	2		
7./ 69			. 4				<u> </u>	L		11							_ 3] _]	L
69/ 67		•6	• 5							• 1				T			10	10	2	
66/ 65		2.2	1.3	• 1						•1		1 1		- 1			32	32	10	l
64/ 63		1.9	• 5							• 1							21	21	30	
62/ 61		2.1	. 5	. 1	. 1	• 1				l i			- 1		ł	l l	25	25	25	[.
60/ 59	. 4	2.0	. 9	• 1	• 2	• 1	•1										33	33	24	
58/ 57	. 4	1.7	.6	. 1	.6	• 2	• 2					1 1		- 1		i	32	32	28] ;
56/ 55	• 1		1.5	• 2	• 6	. 4	• 1	• 1									48	48	22	
54/ 53	.6	1.8	1.3	. 4	• 5	. 1	. 4						ł		l		42	42	37	
52/ 51	2.1	1.4	1.7	1.1	1.2	• 1	.4										67	67	47	7
50/ 49	1.3			1.8	. 8		• 2		1	1 1			i			l	70	70	48	
46/ 47	•6		.9	2.7	.8	• 1	• 2	• 1		1					-		72	72	64	
46/ 45	. 8			. 9	.7	• 5] [1 1		- 1			68	68	52]
44/ 43	• 2			. 9	• 6					$\uparrow \neg \neg$							5.3	53	67	
42/ 41	. 8	1	2.0	1.5	• 2		ĺ			1 1					1		53	53	77	
4 1/ 39	. 4	_	2.5	• 5	• 2					+							48	48	5.2	
38/ 37	. 4		-	. 5	• 5								i	ŀ			41	41	2.54	•
36/ 35	. 8		. 8	1.1	• 2					\vdash							43	43	73	
34/ 33	•2		1.1	. 7			Ì		1	1 1		1 1	Ì	1	1	i	29	29	34	
32/ 31		2.7	.8	• 1				-			_						31	31	23	
30/ 29	• 2	1.4	.6							1 1		1 1	i	- 1			19	19	44	
28/ 27	• 2			-						1-7							3	3	27	
6/ 25		. 1			l							1 1					1	1	5	
24/ 23																			1	
2/ 21										1 1		1 1	}	ł	- 1	ł	ì	ł	1	}
20/ 19																				
18/ 17												1 1			l	ł	}	ł		i
16/ 15										\top										
14/ 13									ĺ										[l
OTAL	9.6	39.4	26.8	12.9	7.3	1.7	1.8	• 2		- 4								846		8
																	846	<u> </u>	846	
lement (X)		Zz'			2 x		Ŧ	٠,	Ц_	No. Obs). I	<u> </u>			Mean No.	of Hours	with Temper	iture		
lel. Hum.			4130		657	58	77.7				16	1 0 F	•	32 F	≥ 67 F			• 93	F .	Total
ry Bulb			1128		402		47.5				16		1	5.4	1.		1	_	\neg	
Vet Bulb			4485		375		44.3			81	16		_	9.9	• :				\neg	
Dew Paint			0883		341		40.4				16			2.7		+	+	$\overline{}$		

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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-80 0300-0500

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point / 59 3/ 67 66/ 65 .1 2.7 34 34 15 12 15 15 12 4/ 63 • 5 _ 8 12/ 61 . 4 • 5 25 25 19 24 2.0 3 **3** . / 59 • 6 2.1 28 28 3/ 57 • 2 • 1 25 25 .4 1.7 • 1 • 1 50/ 55 39 39 2.4 29 29 28 54/ 53 1.8 • 5 • 1 . 1 2 72/ 51 1.9 1.5 55 1.7 32 73 73 37 44 5./ 49 2.4 2.1 2.0 . 6 . 4 <u>.</u>9 48/ 47 2.5 1.2 52 52 47 . 7 27 46/ 45 2.7 2.1 58 58 50 73 73 69 43 44/ 43 3.2 2.5 42/ 41 2.0 53 53 76 51 1.7 43/ 39 57 3.5 2.0 57 53 42 33/ 37 • 5 46 2.2 2.9 71 36/ 35 3.2 2.0 65 65 65 61 52 34/ 33 4 32 32 2.2 • 5 • 7 3.3 45 37 3 S 1.2 ₹:,/ 57 16 4. 16 1.2 3/ 27 1.2 14 14 33 1 t/ 25 14/ 23 • 5 4 *ā* 1 / / 19 17 18/ 17 10/ 15 14/ 13 12/ 11 846 TOTAL 14.545.622.9 8.3 4.7 3.0 846 846 Mean No. of Hours with Temperature Element (X) 5709705 68147 80.616.148 846 ±67 F = 73 F = 80 F = 93 F Rel. Hum. 10F ± 32 F 7.9 Dry Bulb 1853758 38702 45.7 9.926 846 846 1657826 43.110.169 12.5 36450 24 Wet Bulb 1454335 25.1

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PSYCHROMETRIC SUMMAR'

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BERGSTROM AFB TX 69-70,73-80 FFR STATION STATION NAME MONTH 0600-080 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8.-W.8. Dry Buib Wer Buib Dew Poir Sel 67 2.4 16/ 65 • 6 27 27 -4/ 63 2.4 28 28 19 12/ 61 .7 1.8 27 27 .5 2.1 . / 59 23 23 33 c 3/ 57 .2 2.1 50/ 5.5 1.4 1.1 25 • 2 25 28 ~4/ 53 1.7 32 32 12/ 51 1.7 2.1 1.7 • 1 53 53 27 3 ./ 49 1.7 2.0 56 56 1.7 44 40/ 47 .9 2.6 1.1 43 43 47 33 40/ 45 . 4 2.8 1.1 1.5 5**5** 55 35 44/ 43 1.1 3.8 2.6 74 42/ 41 1.4 3.0 1.3 58 58 67 4:/ 39 1.1 2.7 1.5 56 56 69 38/ 37 4.5 1.4 69 69 58 35 1.7 3.2 2.0 6 C 60 80 6 3 34/ 33 3.2 43 43 53 72/ 31 . 1 3.7 1.4 49 49 53 : 1 29 . 9 16 16 46 . 9 5.5 3/ 27 16 16 22 o/ 25 • 2 ווא 24/ 23 • 6 2/ 21 1.5 9/ 19 19/ 17 16/ 15 .4/ 13 TOTAL 14.850.420.1 9.1 2.6 1.7 1.1 846 846 Element (X) No. Obs. Meen No. of Hours with Temperature 81.815.471 846 Rel. Hum. 5859636 69182 ±67 F = 73 F = 80 F = 93 F 10F : 32 F Total 1793176 37992 44.910.149 8.9 Dry Bulb 846 84 1617555 35943 42.510.348 846 14.9 Wet Bulb 54 1430651 39.312.27 26.9

NAM 64 0-26-5 (OL A) REVISED MEYICOUS EDITIONS OF THIS FORM ARE OBSOIT

USAFETAC FOR GOAS FOR

PSYCHROMETRIC SUMMARY

BERGSTOOM AFB TX 69-70,73-80 STATION NAME 7900-115 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 70/ 77 . 1 • 1 • 1 76/ **7**5 74/ 73 • 1 4 • 1 . 1 . 1 72/ 71 • 2 . 1 . 1 12 12 7./ 69 . 8 • 1 26 26 55/ 67 1.2 34 34 • 1 .8 1.9 • 2 8 667 65 . 1 • 4 . 2 51 51 16 1.2 4/ 63 . 4 35 35 36 • 5 . 4 527 61 1.9 40 40 . 8 . 4 - 4/ 59 50 50 1.4 1.2 • 2 - 8/ 57 • 1 1.4 • 5 • 7 • 6 40 40 38 . 6 • 1 • 1 • 6 1.4 50 50 . 9 35 54/ 53 1.2 1.2 . 6 • 5 53 53 44 . 9 2/ 51 1.9 56 56 44 1.1 5./ 49 37 53 53 48 • 9 1.2 1.8 • 7 • 6 • 5 • 5 45/ 47 1.9 . 9 1.4 . 9 51 51 70 . 4 . 1 . 7 46/ 45 1.7 1.2 2.4 . 6 60 60 56 • 7 44/ 43 1.2 1.4 . 8 47 47 44 1.2 66 **→2/41** 1.8 • 5 37 37 61 37 43/ 39 . 7 . 4 29 29 35 51 1.1 1.1 38/ 37 • 7 • 6 . 5 44 56 2.5 49 35 1.1 24 24 34/ 33 32/ 31 . 8 • 7 19 19 23 64 1.5 19 19 28 38 7 / 29 40 23/ 27 33 14 25/ **25** 27 24/ 23 22 22/ 21 33/ 19 15/ 17 10/ 15 14/ 13 12/ 11 Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 67 F = 73 F = 80 F = 93 F 10F ± 32 F Tetal Dry Bulb Wet Bulb Dew Point

MA 0-26-5 (OL. A) BENSED MENDUS EDITIONS OF THIS FORM ARE

SAFETAC NOW 0.24.5 L

PSYCHROMETRIC SUMMARY

13974 BERGSTROM AFB TX

69-70,73-80

FE6

PAGE 2

0900-1100 HOURS (L. S. T.)

																			,		(L. S. T.)
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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-80 STATION STATION NAME <u>1200</u>-1469 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -8/ 87 567 85 • 1 • 1 -4/ 83 9 9 . 2 • 2 12 12 . 1 . 4 • 1 • 5 7:1 77 24 24 • 4 75/ 75 • 9 • 5 . 1 36 36 • 6 . 4 • 2 14/ 73 • 3 36 1.1 36 72/ 71 5**5** 55 1.3 • 5 1.1 . 8 . 2 49 49 • 2 1.1 .6 • 6 63/ 67 39 39 27 5 • 1 . 7 47 47 48 ц £6/ 65 • 2 . 8 • 6 50 50 34 16 54/ 63 • 6 . 4 1.2 5**5** 55 47 +21 61 .6 24 . 8 46 50 - 1/ 59 46 38 . 4 • 6 1.2 . 7 • 2 Fe/ 57 1.2 • 2 38 38 41 41 58 43 50/ 55 • 5 • 2 . 8 • 6 • 8 • 2 54/ 53 . 4 . 2 • 8 . 9 • 5 . 4 . 1 35 35 43 48 53 53 52/ 51 41 . 8 • 5 • 8 1.3 5./ 49 29 29 53 39 .7 • 8 . 7 31 31 34 40/ 47 . 4 28 28 63 34 40/ 45 30 . 4 44/ 43 • 8 . 7 . 6 31 31 68 29 27 27 39 42/ 41 1.7 . 5 • 5 • 5 16 16 42 48 4 ./ 39 15 15 29 44 38/ 37 18 25 5 ? 16/ 35 . 6 • 5 34/ 33 • 5 8 8 16 51 17 34 72/ 31 . 4 52/ 29 35 34 13/ 27 26/ 25 24/ 23 20 22/ 21 23 Element (X) Meen No. of Hours with Temperature ≥ 67 F = 73 F = 80 F = 93 F Dry Bulb Dew Point

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USAFETAC NOW

PSYCHROMETRIC SUMMARY

17904 BERGSTROM AFB TX
STATION STATION NAME

69-70,73-80

MONTH

PAGE ?

1200-1400

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USAFETAC 1084 0.26-5 (OLA) NIVISO MENOUS EDITORS OF THIS FORM ART OMORETE

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PSYCHROMETRIC SUMMARY

9C4 BERGSTROM AFB TX
STATION STATION NAME 69-70.73-80 1506-1708 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.B. Dry Bulb Wet Sulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 98/ 87 -6/ 85 • 2 12 . 2 64/ 83 • 5 . 4 12 £2/ 81 • 7 . 4 15 15 35 • 2 35 35/ . 4 • 6 • 9 . 6 7c/ 17 40 40 1.5 . 9 . 8 • 6 76/ 75 . 8 • 6 • 2 37 37 74/ 73 52 . 8 72/ 71 • 5 • 5 1.8 . 8 51 51 • 6 . 4 40 7 ./ 69 • 5 .7 40 1.1 41 • 2 41 29 1.1 68/ 67 • 1 • 6 • I 1.5 58 58 66/ 65 . 7 • 2 • 7 . 2 1.2 12 . 7 40 36 54/ 63 36 . 6 • 6 <u>•</u>4 46 23 • 9 • 3 44 44 . 4 • 5 56 60/ 1.2 • 5 1.3 1.1 • 8 51 51 • 6 18/ 57 37 37 48 • 5 • 5 • 7 • 6 . 7 • 5 56/ 55 • 8 • 5 3**3** 33 45 41 56 47 41 . 9 . 8 37 37 46 39 £ 2/ 51 • 5 1.2 59 32 5./ 49 . 9 • 6 32 47 64 30 • 2 49/ 47 • 8 . 4 46/ 45 . 8 . 6 38 38 20 20 52 29 . 6 64/ 43 • 1 42/ 41 . 2 • 1 13 13 37 13 3 C 13 45/ 39 38/ 37 17 17 31 57 ₹6/ 35 13 13 6 8 41 34/ 33 72/ 31 14 52 32 29 17 28/ 27 26/ 25 45 24/ 23 36 ~2/ 21 Element (X) No. Obs. Mean No. of Hours with Temperature = 67 F = 73 F - 80 F - 93 F Rel. Hum. Dry Bulb Wet Bulb

> 7.7 ...

POBM 0-26-5 (OL.A) BENISED MENDUS EDITIONS OF THIS FORM A

AFETAC 108 0.26.5

1 1404 BERGSTROM AFB TX

PSYCHROMETRIC SUMMARY

≥ 67 F = 73 F = 80 F = 93 F

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FEB

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1500-1700 P∦GE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint (F) 21 / 19 l 6/ 17 16/ 15 1/ 13 4 : 4 1./ 11 846 4.7 8.9 7.6 9.5 8.740.343.6 9.540.8 6.3 3.7 2.6 1.9 1.7 846 TAL 846 846 Meen No. of Hours with Temperature No. Obs. Element (X)

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USAFETAC NOM 0.26-5 (OLA) MINIED MENDOS ED

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17904 BERGSTROM AFB TX
STATION STATION NAME

69-70,73-80

FEB

PAGE 1

YEARS

1800-2000

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
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7:/ 69			. 5	. 8	1.7	. 4	- 6	. 4	.1	. 4	.1	•2		ļ	L			43	43	1	<u> </u>
65/ 67		• 1	. 8	• 8	• 7	. 7	. 9	. 1	• 2	• 2	-1	• 2]	43	43	8	
6/ 65		. 4	. 7	• 9	. 7	• 9	• 4	• 5	• 6	.1	• 2	. 1		L			L	47	47	30	
64/ 63		.4	1.3	1.2	8 •	• 5	• 9	1.3	•2	• 1	• 1			İ				58	58	40	_
62/ 61		• 5	• 5	. 8	• 6	• 9	• 6	. 8	.7	•2	<u> </u>			↓			<u> </u>	48	48	35	
GC / 59		1.8	• 9	• 8	• 9	• 7	• 7	• 6	• 2	• 1	İ							58	58	47	_
6/ 57		• 5	8.	. 4	9.	1.5	1.2	. 4	• 2	.1								50	50	48	
56/ 55	• 6		• 5	• 9	1.3	• 9	• 7	• 4	• 2		ĺ							56	56	54	
4/ 53	• 6		- 6	• 7	• 9	• 9	• 9	• 7	ļ		ļ							50	50	48	
2/ 51	. 4	, ,	• 7	• 7	1.4	1.5	• 7	• 4										54	54	53	_
5_/ 49	- 8		. 9	.9	• 9	1.2	- 4	. 4			ļ	<u> </u>					├	56	56 36	75	
43/ 47	• 5	1	• 5	• 7	1.1	• 6	• 2	• 1			İ							36		68	
46/ 45	• 5		. 6	$\overline{}$	• 5	•1	• 4		<u> </u>		 			\vdash —				36	36 32	56 66	
1		1.3	1.2	• 2 • 5	• 5 • 5	• 5	• 1				[[ĺ	16	16	56	
43/ 39	. 4	- +	. 5	• 7	• 9						<u> </u>		├	 	 -			25	25	41	
36/ 37	•1	I 1	- 1	• 2	. 1]	i l		ı		14	14	33	
36/ 35	• 5		• 6	• 2	- • •						 						 	13	13	26	
34/ 33	.4		. 7	• 2							1		İ					15	15	1	
32/ 31	• •	.5	- 4															7	7	17	
31/ 29	• 2		1		. [1							ا غا	3	14	
28/ 27		-			-						 									2	
6/ 25	1	1	- 1			l	' i		1 1		ł		[ŀ		}	} }	1	1	3
24/ 23		 			$\neg \neg$												\vdash	1			1
2/ 21			j	ĺ]					1	2
24/ 19		· · · · · · · · · · · · · · · · · · ·	$\neg \neg \uparrow$																		1
10/ 17						}]				.	l	_
lement (X)		ZX'			Z X	T	Ī	·A	\top	No. Ol	4			•	Mean I	lo. of H	ours will	h Temperet	vre .		
tel. Hum.												± 0	F	s 32 F	≥ 67	F	73 F	- 80 F	■ • 93 F	F	Total
Dry Bulb																			\perp		
Wet Bulb						\perp							\Box								
Dew Point															1			T -			

ETAC NOBA 0.26-5 (O) A) BENSED PREVIOUS

USAFETAC rom

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PSYCHROMETRIC SUMMARY

PAGE 2

17904

STATION

BERGSTROM AFB TX

STATION NAME

69-70,73-80

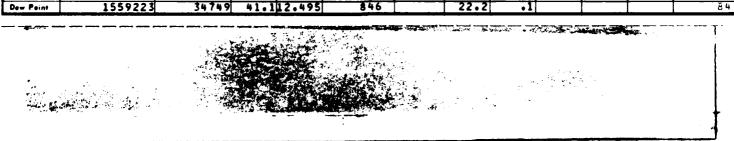
FEB

YEARS

1800-2000

HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Sulb Wet Bulb Dow Point 16/ 15 14/ 13 12 1_/ 11 3 . ./ 9 846 5.112.913.813.516.213.010.0 7.1 3.4 2.1 1.2 1.4 846 TAL 846 846 Meen No. of Hours with Temperature Element (X) No. Obs. 3479154 60.421.648 56.510.939 51072 846 ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 10F s 32 F 4.9 2800742 47790 846 1.0 17.1 Dry Bulb 49.0 9.380 41.112.495 Wet Bulb 2108730 41486 846 3.4 54

USAFETAC NOW 0-26-5 (OLA) MYSIO M



61.

1 2 / 4 BERCSTROM AFB TX
STATION STATION NAME

GLUBAL CLIMATOLOGY BRANCH USAFETAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

2100-2300

Temp.						WET	BULB	TEMPE	ATURE	DEPR	ESSION	F)						TOTAL		TOTAL	
(F)	0	1.2	3.4	5.4	7.8								23 . 24	25 . 24	27 . 28	29 . 30	+ 31	D.S./W.S.	Dry Bulb		Dew Pai
1 71			.4	-	· ·	1	1		13 13	100	1	-						7	7		3377.57
- / 69		.2	. 4	. 4		.1	.1		ĺ	İ	ì	i	ì		l			15	10		}
5.1 67		• 7	.9	• 4	. 4		. 1			•1								25	25	6	
6/ 65	• 1	.7	1.8		. 1	.1	. 1	Ì	İ		1	1 1	·				ł	28	28	9	a
4/ 63		2.2		1.1	• 2	.2		• 1	.1		<u> </u>							42	42	27	11
1 . / 61		2.1	. 8	.9	• 4	.4	.7	. 4	-1	. 1	L	<u> </u>	1	1	<u> </u>			5.0	50	39	16
. / 59	• 1	2.0	• 7	1.1	. 7	. 6	• 2	• 4	• 2									50	50	34	49
:/ 57		1.4				. 4		.1	<u> </u>		<u> </u>	11						43	43	36	33
5:/ 55		2.4									l		Ī					56	56	36	31
4/ 53	.6	1.1	. 9	1.4	2.	. 7	• 2	•2		<u> </u>	↓						L	61	61	51	3 6
2/ 51	• 9	1.2	1.8	1.4	1.8				ļ	ļ		i i	ŀ					68	68	42	
c:/ 49	• 5	2.5	1.7	2.7	1.2	.8	• 6	• 1			ļ							8.5	85	56	41
. ~/ 47							i			i			İ	ſ	ĺ			54	54	67	34
45/ 45 44/ 43	. 8	1.3	1.4	2.0		• 4				-								60	60	66	36
		1.4			• 4	• 1						((ĺ	- 1	ĺ			38	38	77	37
2/ 41		1.3	1.2	• 9 • 8	• 7	. 4					 	├── -						38	38	52 6 5	4 2 5 9
		. 1.1		• 5		• 1	ĺ			ĺ	1	()	į	ľ				26	4C 26	47	
75/ 37	. 2	.9	.7	• 8	• 5									$\neg \dashv$				19	19	31	56 48
7./ 73	- 5	7	. AI		ĺ		ĺ			[İ	1	- 1	- 1			l	21	21	36	54
3-/ 33		1 . 4	.8				 				├							22	22	30	5 2
2 / 29	•	. 6	. 1		' i		·				ł	}	ł	- 1				6	6	29	
1 29	•	·- . 1	• 1				-				 -				†			 		9	29
			1	ľ	,		1				ł		i	- }	- 1] [-]	1	26
3/ 25 1/ 23																		1			18
		i					!				1		į	- 1	.]		,)	j		2
2/ 21																					1.5
3/ 17 16/ 15		[]	l									1.3
16/ 15																			Ī		7
19/ 13:		L												1						_	1
TAL	5.7	27.2	23.2	19.4	14.1	5.7	2.8	1.3	• 5	• 2	[846		846
											 							846		846	
Element (X)		2 1 2	2970		606	23	*	•	70	No. OL	46							Temperer			
Rel. Hum.			8697				71.7 50.9				46	201	-+ -	32 F	± 67	8	73 F	- 80 F	• 93 F	<u> </u>	Tetal
Dry Bulb Wat Bulb			0597				46.4				46			6.9		6		 	┿		£4
Dew Peint			1799				41.2				46			21.4		• •					5 4 č 4

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PSYCHROMETRIC SUMMARY

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BERGSTROM AFB TX 69-70,73-80 YF ARS MONTH ALL PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) • 0 · 8/ 87 • 0 13 13 6/ 85 • C • 0 • 1 • 1 •0 • 0 17 17 4/ 83 .0 25 25 82/ 81 . 1 • 0 • 1 53 53 79 • 2 • 1 .0 • 1 .0 • 1 • 0 78/ 77 75 75 . 2 .0 .0 • 2 • 0 <u>• 1</u> . 1 76/ 75 •1 • 1 • 1 86 86 74/ 73 113 113 <u>. 1</u> • 3 160 721 71 • 0 • 2 • 1 • 2 . 2 . 4 174 174 75/ 69 • 1 . 4 . 1 10, • 3 • 2 202 202 78 68/ 67 • 1 189 324 324 55 c 61 65 • 0 1.2 250 91 285 285 4/ 63 1.2 • 5 £ 2/ 61 . 2 • 5 . 2 . 2 314 287 211 1.4 . 6 339 339 313 252 #C/ 59 1.7 • 3 • 3 • 1 F8/ 57 • 5 • 2 286 286 287 290 1.2 • 3 • 6 281 326 55 . 6 348 348 56/ 1.5 • 6 <u>•</u> 3 343 343 327 271 54/ 53 1.0 443 443 348 289 - 21 51 1.1 1.1 1.4 • 6 • 3 • 1 454 454 427 306 _/ 49 1.6 1.3 . 1 354 354 486 281 47 1.5 • 7 48/ 1.1 40/ 45 403 403 446 25€ 1.6 1.5 520 30 b 368 368 44/ 43 • 6 1.8 1.5 . 6 • 6 . 2 295 295 460 <u>336</u> 42/ 41 1.5 1.0 . 8 284 284 403 339 39 1.5 1.2 • 6 . 4 272 367 417 38/ 37 272 • 6 455 379 35 • 5 255 255 36/ 1.5 441 173 173 258 34/ 33 1.2 359 321 31 . 2 180 180 219 1.7 71 212 316 34/ 29 71 . 6 28/ 27 103 262 . 4 Q 272 26/ 25 0 52 6 15 156 24/ 23 • 1 156 1 Element (X) ± 67 F = 73 F = 80 F Rel. Hum. 105 1 32 F Dry Bulb Wet Bulb Dew Point

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52 vi

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

11904 BERGSTROM AFB TX
STATION STATIO

PSYCHROMETRIC SUMMARY

STATION NAME PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 - 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 163 1/ 19 1 s/ 17 1 s/ 15 106 61 14/ 13 21, 11 12/ 11 6768 6768 3.627.618.012.6 9.7 6.8 5.8 3.5 2.9 1.8 .9 TOTAL 6768 6768 No. Obs. Z X Mean No. of Hours with Temperature Element (X) zx, X 68.922.347 52.312.340 466256 Rel. Hum. 35500450 6768 s 32 F 354703 6768 67. 19546793 Dry Bulb 316487 46.810.328 59.8 Wer Bulb 9.2 15521453 6768 6ĩ 186.8 1.0 670 12234453 275137 Dew Paint

7,7...

69-70,73-80

0-26-5 (OL.A) IRVISE MEVIOUS EDITIONS OF THIS FORM ARE OBSOL

TAC 108 0-26-5 (0

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME 69-70,73-80 MAR YEARS 0000-0200 HOURS (L. S. T.) PAGE 1

Temp.						WET	BULB .	TEMPER	RATURE	DEPRE	SSION ((F)						OTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 · 30 *	31 0.8	B.∕W.B.	Dry Bulb	Wet Bulb	Dew Paint
74/ 73		• 1	.9															9	9		
72/ 71		. 4		.2										1				32	32	-	
7 / 69		1.1	2.9	• 1						• 1								39	39	19	5
68/ 67	• 3	2.5	2.6	• 2	• 1					.1		ĺĺ		1 1	- 1	- 1	ľ	54	54	49	33
56/ 65	• 1			•1		• 2	• 1	• 4										47	47	47	46
4/ 63	• 4		1.6	• 5	.6	- 1		- 1	ł	ł	ł	1 1		1 1	- }	1	ł	62	62	52	51
5 2/ 61	. 4				• 1			• 3	•1									40	40	43	44
1 3/ 59	• 2	2.6	2.3	• 5	• 5	. 4	. 1	• 1	j)		. 1]	j			63	63	43	45
5a/ 57	•6	1.9	2.0	1.2	• 9	. 9	• 2	• 2										74	74	40	41
55/ 55		1.6		1.7	1.2	1.4		ì			ŀ				1	1	ļ	83	83	50	29
54/ 53		1.9	3.4	1.0	1.0	1.0												80	80	44	39
12/ 51		1.3	1.7	1.2	1.6	• 2									1		- }	56	56	72	31
5./ 49	• 1	1.5	2.5	1.2	• 6	• 2												57	57	80	
43/ 47	ı	1.6	2.4	1.1	1.0	Ì	ĺ	ľ			1]			İ		ı	56	56	6 i)	49
46/ 45	• 3	1.7	1.2	1.7	• 2	• 1												49	49	78	5.8
-4/ 43		1.7	1.5	1.2		• 2						1		l i		1	i	38	38	79	
E 2/ 41		• 3	• 5	.9	• 1													17	17	46	57
45/ 39	<u>•</u> 1	1.0	1.5	• 5	• 2		[!	Ĺ	Ĺ	i		L1						31	31	29	
35/ 37	• 2	1.1	. 8	• 3														22	22	32	45
36/ 35	• 3	. 2							l	l		<u> </u>		11			_	7	7	37	
34/ 33			• 2															2	2	12	
2/ 31			. 5	<u></u>			<u> </u>			L								5	5	1	45
: / 29		• 1	• 1]		li			- 1	2	2	2	10
36/ 27			• 1	• 1				<u> </u>										2	2	6	13
∴5/ 25		• 1	• 1	[1	i	ĺ	(1 1				ı	- {	_ 2	2	1	1.7
24/ 23		<u> </u>	• 1						L			<u> </u>						1	1	2	1
2/ 21		1	i						ł	l		} }		}	Į.	ļ	ļ			2	7
/ 19		 	<u> </u>									└								1	4
13/ 17		1	ļ	}					ļ	ļ]]]			- 1	- 1			4
1 1/ 9														├ ──┤						L	3
TOTAL	3 • Z	30.0	36.7	14.0	8.2	5.1	1.4	1.2	• 1	• 2		· [1		Ì	ŀ		930		933
																\dashv	\dashv	930		930	
Element (X)		Zx'	<u> </u>		Z X	_	Ī	•		No. Ob	s. T	l			Mean No.	of Hours	with To	emperet	ure	<u> </u>	l
Rel. Hum.		560	4049		707		76.1	15.4	01		30	= 0 1		32 F	≥ 67 F	• 73		- 80 F	× 93	F	Total
Dry Bulb		292	0859		513	49	55.2	9.6	03		30		\neg	1.2	13.4	4	.9			`	۶.۳
Wet Bulb		254	0238		477	02	51.3	10.0	31		30		7	1.5	7.						9.3
Dew Point		222	1885		440	21	47.3	12.1	96	9	30		\neg	10.6	3.0	В			7-	<u> </u>	93



PSYCHROMETRIC SUMMARY

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BERGSTROM AFB TX 69-70,73-80 STATION STATION NAME 0300-0506 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 5 . 1 5 74/ 73 . 3 <u> 2/_</u>71 28 28 1.1 2.2 3.3 2.5 69 30 30 18 11 59 38 64/ 67 59 22 43 43 58 53 6/ 65 .3 2.7 1.5 • 1 : 4/ 63 51 51 54 48 .5 3.8 1.1 . 4 (2/ 61 .5 2.7 • 6 • 5 • 2 . 3 . 1 51 51 47 51 31 43/ 59 . 6 47 47 41 . 1 2.6 • 5 ° a/ 57 50 50 38 .4 2.7 ١ د • 6 • 3 • 1 .3 1.8 1.2 50/ 55 1.0 56 56 42 • 6 • 5 • 5 58 58 25 14/ 53 .1 3.0 1.6 . 4 4 Ç 1.0 78 78 5.4 52/ 51 36 2.3 2.8 . 6 49 • 1 2.8 2.9 1.3 75 75 67 4 I 48/ 47 2.5 1.1 57 57 63 66 1.1 45/ 45 .5 2.0 2.7 55 55 78 41 . 6 53 1.9 1.8 5.3 61 -4/ 43 42/ 41 1.6 1.6 • 8 37 37 71 54 55 ' _/ 39 . 8 • 2 16 16 46 38/ 37 32 32 32 .1 1.1 1.6 • 6 27 _ • 5 20 35/ 35 .2 1.4 15 32 3 F. 34/ 33 15 • 8 • 5 32/ 31 • 2 15 • 3 5 34 29 • 2 : 3<u>/ 27</u> 1 17 .1 ^o/ 25 4 $\overline{11}$ • 2 1 24/ **23** 1 ì • 1 02/ 21 03/ 19 • 2 13/ 17 15/ 15 13/ TOTAL 4.441.831.311.3 6.2 2.9 1.3 930 930, Mean No. of Hours with Temperature Element (X) No. Obs. 6023928 73568 930 *67 F *73 F *80 F *93 F 12 • 2 • 5 79.114.830 Rei. Hum. 4 0 F s 32 F 930 2758652 49740 53.510.290 Dry Bulb 5.6 2448310 50.210.676 930 3.3 46674 Wet Bulb 2184366 14.4 3.3 Dew Point

PSYCHROMETRIC SUMMARY

1 1904 STATION

EERGSTROM AFB TX
STATION NAME

69-70,73-80

PAGE 1

7600-0800

Temp.						WET	BULB '	TEMPER.	ATURE	DEPRE	ESSION (F)						TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	D.B./W.B.	Dry Bulb	Wet Bulb De
74/ 73		• 1																1	1	
7.7 71	·	1.5	. 9	.2	1'	1'	l!	l!	i	l'	l	ll	l		li		i	24	24	٤
7 // 69		1.5	3.0	• 2	\bigcap												i	44	44	15
65/ 67	. 1	1.6	2.4	1 '	1 '	1 '	'	1 1	l	'	ļ	1 1						38	38	4 📜
46/ 65	• 4				- 1		• 1		i		†			1				45	45	47
4/ 63	• 5	3.0	.6	4 /	1 '	1 '	• 1	1 /	• 2	. '	İ] [i			42	42	51
- 3/ 61	. 4	2.9	.8	• 5	• 2	• 3	.1											49	49	38
-/ 59	• 3			.6	, I			1 <i>J</i>	• 2	1′	ĺ]	l		ii		l	56	56	38
38/ 57	• 1			.6	• 5				ī									58	5.8	39
55/ 55	1.0	2.2	1.3	. 6	8.	1 -1		1 1	i	'					i t		l	61	61	5.3
64/ 53	• 1			. 9	1.)	• 3	• 2											57	57	38
1 2/ 51	. 4	, ,			1.1	. 8	. '	1 1	i	'			1	1	i l		}	80	80	5 7
5_/ 49	• 2									1	†	1					†	56	56	5.7
45/ 47	. 4	2.3	2.2	. 8	• 5	. 4	1 ']]	i	1 '			ı	1				61	61	69
45/ 45	1.1					_			i			ſ						6 6	66	74
24/ 43	• 1					. '	'	1 1	i	'		i	ı				l	34	34	59
42/ 41	• 1				+ +	$\overline{}$			i					1				41	42	51
4 1/ 39	• 1				1 1	'	']]	i	'	l	[]	i	1]]		1	35	35	65
33/ 37		1.3			+	T-7	,											28	28	33
36/ 35	• 2	1.4	. 4	• 1	.[]	1 '	,	1 1	i	'			i					20	20	32
34/ 33	1	. 9							1									12	12	3
32/ 31	• 1	. 3	. 3	. 3	1!	1'	Í'	1	i	ļ <i>,</i>	·						ļ	10	10	17
35/ 29	,		• 3	₁						,								3	3	7
28/ 27	<u>. </u>	. 2	. 1	 '	1'	<u> </u>	<u> </u>			<u> </u>								3	3	4
75/ 25	, ,	• 2	,				, I			,								2	2	7
24/ 23	·	Ĺ'	<u> </u>	1!	1— $'$	L'	<u> </u>	LJ	L	<u> </u>		<u>L</u>			1		<u> </u>			2
2/ 21		,		1	1	,														
26/ 19	<u> </u>	• 2	. 1	1!	<u> </u>	<u>1'</u>	<u> </u>			<u> </u>		L		<u> </u>	1			3	3	
10/ 17	,,	[·			1		, I													3
15/ 15	ا 	<u> </u>	<u></u> '	<u> </u>	<u></u> !	<u> </u>	<u> </u>			<u> </u>	<u> </u>									
:C/ 9		ļ ,	1	1	1		ļ			,										
5/ 7	<u>. </u>	<u> </u>	$\perp \perp^{\prime}$	<u> </u>	'	<u> </u>	<u> </u>		'	<u> '</u>	<u> </u>			<u> </u>			<u> </u>			
TOTAL	5.7	44.1	27.8	10. "	6 . 4	3.6	1 • C'	• 2	. 4	,				Γ Ι					937	
		اا	<u></u>	<u></u> /	<u></u> -	<u> </u> '	<u> </u>	<u></u> 1		<u> </u> '	<u> </u>							929		929
Element (X)		Z _X ,			ZX	\Box	X	· **		No. Ob					Meen N			h Temperat	lure	
Rel. Hum.			5549		736			15.1			29	± 0 €	-	± 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F	Te
Dry Bulb			3116		493			10.34			30			2.1	10.		• 1	<u> </u>		
Wet Bulb			0197		462			10.7			29			4.0	5.			L	<u> </u>	
Dew Point	1	214	9592	A .	430	88	46.4	12.70	61	9	29		I	15.3	. 2	.8		1	1	

PSYCHROMETRIC SUMMARY

1:904 BERGSTROM AFBITX 69-70,73-80 MAR

STATION STATION NAME YEARS PAGE 1 C900-1100

HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point (F) 16/ 85 • 1 1 1 J/ 81 5 / 79 • 2 5 12 70/ 77 • 3 12 • 3 75 3 C 30 5/ • 5 . 6 • 3 • 5 . 1 . 1 . 9 34 1 . 4 • 1 . 1 34 -_/ 71 . 4 .4 1.4 . 8 1 . 5 • 1 • 2 • 3 43 43 • 1 / 69 .9 1.9 . 2 . 4 67 67 2.0 1 . 7 . 9 • 3 • 2 21 : 1/ 67 • 5 • 6 • 1 65 54 • 2 • 1 65 • 2 e6/ 65 1.9 1.3 1.4 . 8 • 5 . 9 1.0 . 2 80 80 45 3 C .1 1.5 1.3 72 72 42 63 4/ 63 1.2 • 6 • 8 • 3 • 2 1.2 . 9 ./ 61 2.4 1.2 • 5 1.4 • 9 78 78 36 / 59 .3 1.5 1.2 . 6 • 6 1.2 1.3 • 6 • 2 71 71 74 39 1.4 1.4 1.2 ا 1 و 67 67 72 57 46 55 1.4 1.1 • 6 51 61 56 56 <u>4</u>/ 53 1.3 1.1 <u>.</u> 4 44 44 39 • 6 62 • 5 • 6 F2/ 51 . 6 40 40 74 52 1.2 1.0 • 3 5 / 49 . 8 79 . 4 23 23 34 • 6 • 3 • 2 • 1 - 5/ 47 1.2 • 6 55 43 • 3 1.7 1.2 45 45 19 20 45 45/ 45 . 1 1.0 • 5 61 64/ 43 . 8 23 35 • 5 22 • 8 62/ 41 . 2 • 2 11 11 • 2 33 4 // 39 . 4 • 3 9 4.5 • 5 . 3 10 10 32 53 36/ 37 . 1 35 • 3 54 34/ 33 9 3 3 **2**5 ~2/ 31 . 2 4 6 3.0 3 3 1/ 29 1 1 **.** 1 25 9 :01 27 • 1 · 6/ 25 74/ 23 . 2/ 21 1/ 19 19/ 17 Element (X) Zx' - 80 F ≥ 93 F Rel. Hum. ≈ 67 F = 73 F 10F 1 32 F Dry Bulb Wet Bulb Dew Point

> 77 • 33 • 33

C FORM 0-26-5 (OLA) BEYIND MEYIND S EDITIONS OF THIS

USAFETAC NORM 0.26-5 (

PSYCHROMETRIC SUMMARY

69-70,73-80 BERGSTROM AFB TX MAR STATION NAME STATION 396<u>0-1100</u> PAGE ? HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 15/ 15 4/ 13 1:/ 11 1.919.520.716.212.010.6 7.1 5.1 2.9 1.9 1.3 930 928 TITAL 928 928 Mean No. of Hours with Temperature Element (X) 928 26.2 8.7 1.0 Rel. Hum. 4455015 61387 66.120.623 60.2 9.898 53.7 9.557 47.512.820 3459678 55972 930 Dry Bulb 928 9.1 2759916 49826 Wet Bulb 928 12.7 3.4 2244921 44067 Dew Point

C POBA 0-26-5 (OLA) REVISE REVIOUS EQUIDAS OF THIS FOO

PSYCHROMETRIC SUMMARY

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STA	ATION				51	TATION N	AME								YE	ARS			6.4.5	- ,		HTH
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4.87	87						<u> </u>	• 1	<u> </u>	• 1	. 1		• 2		• 1		• 2		8	8		L
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	79				• 1		.6	• 9	. 4		• 3		• 5	• 5	• 1				59	59		
	77			ا ا	• 1	. 8		• 9	1.0	• 4		1.2	- 8	• 3	i :	ĺĺ		[_		-!	1
	75			.4	•9	1.1	1.1	1 6	-6		- 9	• 8	• 3	•2				 -	72	59 72	7	
	71		. 5	.9		.9 1.4	.5	1.6	•6 1•3	. 9	.6	.3	.4	• 2					86	86	18	3
	69		• 4	• 6		• 5	• 5	• 5				-4						 	75	75	51	1 - 5
	67		. 9	. 9	.5	- 8	.5				.5	i	1						70	70	62	23
	65		1.0	.6		• 6				• 5					 			 	68	68	63	41
647	63		. 8	.4	1.1	• 2	.6	• 5	1	.5	. 3	I	ļ			,			51	51	60	51
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	59		• 6	. 4		• 1	• 5		• 5	• 2	1								38	38	72	49
	57		. 4	. 4	. 4	• 2	• 5		• 8	• 2		_							36	36	79	43
	55		• 3	. 4	. 3	• 2	. 3		• 1	• 2					<u> </u>				24	24	76	41
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Dry Be													201	`- -	32 F	* 67	- •	73 F	- 80 F	• 93 (-	Tetal
Wet B							→			-+-		-+		+		——	-+-		 	+		
Dow F										\dashv									 	+	-+-	
											-											

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 1 TOTAL STATION 69-70,73-80 MAR STATION NAME FAGE ? 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 2/ 21 8 6 1 :/ 17 11 '4/ 13 8.4 9.511.9 9.0 9.414.112.0 8.1 5.7 4.5 3.4 1.8 930 930 TUTAL . 4 930 930 Mean No. of Hours with Temperature Z_X' No. Obs. Element (X) *67 F *73 F 53.3 30.2 3067968 49582 930 10F Rei. Hum. s 32 F 4272489 62243 930 Dry Bulb 3032427 52437 930 . 8 14.0 Wet Bulb 43841 47.112.879 2220795 3.5 13.4 93 and the same of th

0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

15924 EERGSTROM AFB TX 69-70,73-80 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 1590-1700

																					L. S. T.)
Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)		,,				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.		Wet Bulb	Dew Poin
೯೭/ 91									1			• 1	• 1	[[• 1			3	3	ŀ	
9 1 89	1								• 1		. 4				• 1	• 3		9	9		
23/ 87							• 1	• 4				• 1		• 3	•1	• 1		11	11		
-6/ 85			i	i 1			• 1	• 3	. 4	. 4	• 1	. 1		. 4	• 2	• 1		21	21	<u> </u>	
1/ 83							• 5	• 6	.6	. 3	• 1		• 1	• 2	• 2			26	26		
32/ 81					• 2	• 2	1.1	2.3	1.1	.1	. 6	. 8	• 5					64	64		
= 1/ 79					•	1.0	• 5	• 8	• 6	. 4	1.1	1.2	1.2		1			6 6	66	1	
70/ 77				1	3	1.0	• 5	1.5	• 5	.6	.6	• 5	• 2					56	56		
76/ 75				• 3	1.0	1.2	. 8	1.4	• 3	1.3	1.1	• 3	• 5	1 1	·			76	76	2	ĺ
74/ 73		• 2	• 6	• 9	• 6	• 5	. 4	1.4	. 8	• 3	1.5	. 8	• 1					76	76	9	L
72/ 71		• 2	• 2	1.5	• 5	• 1	- 8	1.3	.8	1.0	• 6	• 3						68	68	26	1
- / 69		. 4	1.2	1.1	• 6	• 2	• 2	1.1	1.4	1.2	. 4	• 1		}				74	74	5 û	10
63/ 67		1.2	• 3	• 3	. 8	• 2	1.2	1.0	1.2	. 8	• 9							72	72	75	26
46/ 65		• 3	. 3	. 6	. 4	. 9	• 1	1.0	.6	. 8								47	47	79	
64/ 63		• 2	• 6		• 2	• 6	• 8	• 8	1.0	• 4	• 1							44	44	40	
(2/ 61	. 1	. 4	. 4	• 3	. 4	.6	• 3	1.2	.6	• 2	[.			[[ii		i	44	44	73	65
6J/ 59		-8	• 3	• 2		• 1	• 5	• 6	• 3						Ī		_	27	27	74	48
53/ 57				. 4	• ?	• 2	. 1	• 3	. 4									_16	16	78	35
56/ 55		• 3	. 4	• 2		• 5	• 1											15	15	73	52
54/ 53		• 6	• 6	. 6	• 1	• 3	• 2		1									_24	24	69	28
= 2/ 51	. 3	• 1	• 4	. 4		• 3												15	15	78	
5_/ 49	. 3		1.1	• 5]		j	_								18	18	44	37
48/ 47		• 5	• 6	• 6		• 1									T			18	18	47	4.5
45/ 45	1	. 3	. 4	• 3		. 4									i			14	14	39	56
44/ 43		• 3		• 2	• 1	. 4									Ī			10	10	26	43
42/ 41	i			• 1	• 3	• 2								<u> </u>				6	6	18	55
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36/ 35																				8	
34/ 33			• 2						<u> </u>									2	2	8	38
72/ 31																				4	
30/ 29								<u> </u>							i		L		<u> </u>	4	36
23/ 27															7					1	1.7
↑6/ 25				l		L	L	L	<u> </u>		L			<u> </u>	l						1.3
Element (X)		Z X'			ž X		X	**		No. Ol	8.				Meen N	le, of H	ours wid	Tempore	ture		
Rel. Hum.												5 0 1		32 F	2 67	F .	73 F	- 80 F	≥ 93	F	Tetel
Dry Bulb									\Box												
Wet Bulb																					
Dew Point						1										$\overline{}$					

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0-26-5 (OLA) service retirous fortions of this ro

TAC FORM S. S. S. S.

BERGSTROM AFB TX

PSYCHROMETRIC SUMMARY

MAR

STATION STATION NAME MONTH 15<u>20-1766</u> PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8-W.B. Dry Bulb Wer Bulb Dew Point 12 4/ 23 2/ 21 10 ?:/ 19 18/ 17 11 10/ 15 14/ 13 .8 6.3 8.0 9.0 6.3 9.6 8.415.910.9 7.8 7.6 4.3 2.8 1.0 CTAL 930 930 930 930 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 2652397 45591 49.021.197 930 10F *67 F * 73 F * 80 F * 93 F s 32 F 69.311.001 57.2 8.890 46.812.883 4578187 64445 930 62.2 40.8 16.5 Dry Bulb 930 16.2 Wet Bulb 3116460 53198 1.1 930 93 2192697 43541 Dew Paint

69-70,73-80

BM 0-26-5 (OLA) sevise nevious entions of this folial ase oaso

AFETAC 104 0-26-5 (0)

House Land

PSYCHROMETRIC SUMMARY

69-70,73-80 MAR BERGSTROM AFB TX STATION 1800-2060 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 **2** 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point **5/** 85 2 • 1 6 -4/ 33 6 81 • 1 • 2 • 1 13 13 - 21 • 1 • 2 79 • 2 16 16 • 2 • 3 • 5 • 5 • 2 • 1 38 38 751 1.0 • 5 • 3 • 5 - 5/ 48 . 6 48 • 6 -4/ • 2 73 . 3 • 2 62 1.3 . 4 . 6 • 3 62 1.1 • 3 ~ 1 71 1.0 . 9 74 74 • 5 90 2.3 • 9 90 30 1 1 69 . 4 1.5 • 9 • 8 1.3 . 4 1.0 1.0 1.2 . 6 92 92 17 60/ 67 1.7 1.6 1.2 . 5 62 74 74 56/ 65 • 5 • 3 . 1.2 1.2 1.6 1.3 • 6 . 8 66 <u>•</u> 5 1.7 49 :4/ 63 • 4 1.2 . 6 1.6 . 8 78 78 59 . 3 .9 • 6 • 3 . 4 62/ 61 . 1 1.0 1.6 54 54 46 46 • 4 • 0 51 63 45 <u>00/ 59</u> . 1 51 1.3 • 6 57 • 5 .6 • 1 38 38 39 5 2/ . 3 • 2 1.0 • 6 • 6 39 38 • 5 39 55/ 55 . 1 . 8 1.2 • 6 • 3 66 . 4 . 4 36 80 14/ 53 . 8 • 5 36 . 8 31 26 26 90 . 2 45 u c • 5 21 21 • 5 . 4 43/ 47 . 2 . 8 . 3 • 3 16 58 34 16 23 23 47 46/ 45 9 1.3 . 3 35 44/ 43 . 2 6 6 57 42/ 41 14 28 **5** G 4 10 40/ 39 30/ 37 • 2 8 49 45 36/ 35 6 34/ 33 . 1 39 38 32/ 31 30 30/ 29 17 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 Element (X) + 80 F • 93 F Tetal Rei. Hum. 1 32 F 2 47 F ≥ 73 F Dry Bulb Wet Bulb Dew Paint

NORM 0-26-5 (OLA) sevise revious torions of this folk ale

j. 4

SAFETAC NOW 0.26.5

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PSYCHROMETRIC SUMMARY

1 5904 STATION BERGSTROM AFB TX
STATION NAME

69-70,73-80

1800-2000

																		,			L. S. T.)
Temp.				,			BULB							т				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Po
16/ 15			l	Į		l	l	ļ	Į		1	ļ	ļ				ļ				
14/ 13					↓	ļ	<u> </u>	ļ					<u> </u>	-			L				
12/ 11						Ì	İ				İ		1	1 [l				
OTAL	• 5	8.6	12.8	12.8	12.8	13.4	12.4	10. 8	6.0	4.6	2.5	1.2	1.1	• 3	• 2				930		93
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lei. Hum.		335	0890		524	72	56.4	20.4	98		30	10	,	: 32 F	≥ 67		73 F	> 80 F	× 93	F '	Tetal
ry Bulb			5773		598		64.3				30		L	• 2	44		18.5	2.	7		9
For Bulb			3657		512	29	55.1	8.7	86		30			• 9	10		. 4				9
Dew Paint		216	9174		433	9 4	46.7	1 2 . 4	67	0	30		· · · ·	12.9	2	•6		I			9

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PSYCHROMETRIC SUMMARY

17914 BERGSTROM AFB TX 69-70,73-80 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 21:0-2300

																				HOURS (L. S. T.)
Temp.							BULB											TOTAL		TOTAL	·
(F)	. 0	1 - 2	3 - 4	5 - 6		9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 77		i 1		_	• 1		1			1		1	1		1		1	1	1	ļ	ł
16/ 75		ļ. <u> </u>		.2	-1			• 1				<u> </u>	ļ				 	4	4	├ ──-	
74/ 73		_	1.0			_			_	1		}	_)	.		Į	19	19	1	}
72/ 71			2.6	- 8		- 1	• 1		• 1				• 1				├	42	42		
7 / 69	_		3.3		•2	• 1	• 1	• 2	• 1]]	J		j .	61	61	1	
-/ 67		1.2		. 8		- 4		•5	• 3			-					<u> </u>	61	61	5 <u>5</u>	
4.67 65		1.9		. 9		. 4	• 4	• 2	• 1	•2				i 1			Į	72	72		_
54/ 63	. 1				1.1		. 9					-		-			⊢ −	82	82		39
02/61		1.3		.6		1.0		• 3							i			61	61		
€ 3/ 59		1.8		1.4		2.0	- 8	• 5	• 2								├	98	<u>98</u> 79		
58/ 57 56/ 55		1.2	1.1			1.5	• 8					[i			79	79 59		1
- 4/ 53	• 1					1.1						-		 	'}		}	63	63		
c 2/ 51	• 1	.6	1	• 5		1.0	l							\				48	48	l .	
5./ 49	•1	.4	1.0	_		• 8											 -	41	41		45
43/ 47	•5		9		1.6	• 1												43	43		_
46/ 45	- • -	1.2	. 8	_	• 3	••							ļ				 	31	31		
94/ 43		. 5		- 3											i		1	14	14	I .	74
42/ 41		.4		• 8								_						21	21	<u> </u>	
40/ 39		-8										1			1			17	17	42	5.2
33/ 37		•2		• 1										1	$\neg \neg$		_	3	3	17	5.2
36/ 35												[[[- [ĺ	i i		11	42
34/ 33			• 1	• 1											$\neg \neg$			2	2	7	41
72/ 31			• 3	. 1	i [1 1	i	•	Ì	4	4	2	27
30/ 29			• 2	• 1														3	3	2	26
28/ 27				• 1	1													1	1	3	2.0
26/ 25																				3	8
24/ 23																				2	3
72/ 21					- T																6
23/ 19																					3
16/ 15														I							4
12/ 11																	<u> </u>				- 2
10/ 9															ĺ						1
Element (X)		Z X'			Z X		¥	₹		No. Ob	ē. [Meen N	o. of H	ours wit	h Temperati	JE 0		
Rel. Hum.						T					I	201		32 F	≥ 67	•	73 F	■ 80 F	• 93	F	Tetal
Dry Bulb																\Box					
Wet Bulb																					
Dew Paint						T			T				\neg			$\neg \neg$			T		

D MEVICUS EDITIONS OF THIS FORM ARE OBSOLETE

AC 1084 0-26-5 (OLA)

USAFETAC 108

PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX 69-70,73-80 MAR

STATION STATION NAME PAGE 2 2100-2300 HOURS (L.S.T.)

																				HOURS	L. S. T.)
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B./W.B.		Wet Bulb	
CTAL	1.3	17.8	326.8	19.2	15.2	10.2	5.4	2.6	1.2	.2		Γ	• 1						930		930
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Element (X)		ZX'	·	_	Z X		X	*	$\neg \neg$	No. Ol	8.				Mean No	. of Ho	urs with	Tempere	ture		
Rel. Hum.			78192		639	56		17.3		9	30	2 0	F	s 32 F	≥ 67 F	_	73 F	- 80 F	• 93	F	Tetai
Dry Bulb		32	51216	5	543	58	58.4	8.9	26	9	30			. 8	18.	8	2.4				5
Wet Bulb			79265		491	61	52.9	9.3	12		30			1.2	8.						9
Dew Point			28470		441	10	47.4	12.1	14	-0	30			10.0	3.	5			1		9:

A) BEVISED MEVIOUS EDITIONS OF THIS FORM ARE DESOLETE

O.26-5 (O. A)

USAFETAC

USAFETAC NOW 0.26-5 (OL.A) REVISIO MENDUS EDINONS OF THIS NOM, ARE ORGOTTE

G	L	08	A	L	C	L	IMA	ΤO	LO	GΥ	8 R	ANCI	Н
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PSYCHROMETRIC SUMMARY

1 1904 STATION	σĒ	RGSTI	ROM	AFB	T X		· .			<u>69-</u>	70,7	3-80			ARS					M /	4 2
STATION				51	TATION N	AME								72	443			PAGE	1	A (L
Temp.	-					WET	BULB	TEMPER	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pair
02/ 91												• 0	•0		•n			3	3		
7./ 89									• 0	<u> </u>	• 1					• 0		13	13		
8/ 87							• 5	• 1	• 0	• 0		• 0		- 1	• ਹ	• C		19	19		
6/ 85						.0	• 0	• 1	• 1	• 1	•0	• 0	• 0	- 1	-1	.0		34	34		
24/ 83						• 0	• 1	• 2	• 2	• 1	• 0	• 0	• 0	• 1	• 0	- 1	l	56	56		
12/ 81					• 1	• 1	• 3	.4	• 2	•0	•1	• 1	-1	• 0	• C			106	106		
~ / 79				•0		• 3		• 2	• 1	•1	• 3	• 2	• 2	• 0				129	129		
73/ 77				• 1	. 2	. 4		. 4	• 1	• 1	• 3	• 2	1					166	166		
6/ 75			• 1	• 3	• 5			• 3	• 2	• 3		• 2	• 1		1			217	217 278	23	ì
74/ 73		•1	• 6	. 7	. 4	• 3	• 3	• 3	 • :	.3	• 3	2	- 1			-		278 397	397	69	9
7.7 71		• 6	1.4		• 5	• 2		• 4	• 4	. 3	•2	• 1	• 0				İ	480	480	230	69
57/67	• 1	1.7	1.9	• 8	• 4	. 4		• 6	• 4			• 0				\dashv	\neg	511	511	435	185
56/ 65	• 2		1.2	.6	5	.4		7	-4	3		• '						476	476	462	396
4/ 63		1.8		• 7	- 4	• 6			. 4	• 1	• C							482	482	433	383
1/ 61	• 2	1.7	.6		- 5	1	J	.5		li .		1	ľ	ł		- 1	- 1	431	431	399	398
13/ 59	• 1	1.7	1.0		• 6			• 5							- 1-			451	451	424	355
So/ 57	• 2	1.5	. 9	1	.7		1	. 3	1	1		. !						418	418	486	301
55/ 55	• 2	1.0	1.2	_	.7											1		398	398	462	341
54/ 53	. 1	1.5	1.3	• 8	• 7	.6	. 3			ļ.						ļ		388	388	454	287
-2/ 51	• 1	1.2	1.5	.7	• 8	• 5	• 1											360	360	581	299
50/ 49	• 2	1.1	1.4	. 7	• 5	3	• 0			<u> </u>								309	309	568	335
48/ 47	• 2	1.2	1.2	• 7	• 7	• 1							1	j		- [309	309	472	368
46/ 45	• 2	1.1	1.2	. 8	• 2	• 1												273	274	478	409
44/ 43	•	.8	• 7	. 7	• 1	,	ì	ļ	ļ			ļ		ļ		- 1]	187	188	372	386
42/ 41	• C	. 7			• 3				<u> </u>									159	160	307	414
#3/ 39	• 1	. 4	• 7			• 1						ļ						120	120	235	398
38/ 37	•	• 6	• 5		• 1		-	-	 	 -	 				- -			106 56	106 56	151 136	361
76/ 35	• 1	. 4	• 1		• 0	l				İ	[[40	40	114	294
34/ 33	<u>• 0</u>	.0	•2	.0	• 0			 	├	├──	\vdash					+		28	28	49	316
77/ 29	د ه	0	• 1	.0				1										14	14	32	253
3/ 27		•0	• 3			\vdash	 				-				+	-		8	8		142
25/ 25		.1	•0															7	7	19	86
Element (X)		Z 3'			Z X		X	₹ ,		No. O	9.				Mean No	. of Hou	rs with	Temperet	ure		
Rel. Hum.												± 0 f		32 F	≥ 67 F	2 7	3 F	- 80 F	• 93	F L	Tetel
Dry Bulb				ļ		\dashv		<u> </u>					_			—			-		
Wet Bulb				ļ		\dashv							_ }_					<u> </u>	+		
Dew Paint				<u> </u>					L.									L			

PSYCHROMETRIC SUMMARY

57.4 BERGSTROM AFB TX MAR 69-70,73-85 MONTH HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 55 2 10 4/ 23 2/ 21 • 3 64 40 ./ 19 • 0 • 0 15/ 17 36 13 13 7 16/ 15 1-/ 13 1_/ 11 5/ 7 7437 7445 2.422.121.713.2 9.5 8.1 6.4 6.0 3.8 2.6 2.0 1.2 . 8 7437 7437 Mean No. of Hours with 7 mperature Element (X) Zz, No. Obe. 490982 Rel. Hum. 35887988 7437 66.021.614 10 F 744 Dry Bulb 27889970 447230 60.111.631 7440 53.3 9.996 21880470 396484 7437 744 Wet Buib 744 17611900 Dew Point

(OL A) sevisée netvicus épincies of this folia are obsolété

1C NORM 0-26-5 (0



PSYCHROMETRIC SUMMARY

1 3 4 BERGSTROM AFB TX
STATION STATION NAME 69-70,73-80 PAGE 1

																				HOURS (L. S. Y.)
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
7:/ 77			• 1] /	1			1	1		1					i		1	1		
~ 5/ 75		• 6	. 4		• 2			<u> </u>										12	12		
74/ 73	• 1	1.7	2.6	1 - 1		- 1	i	• 1							.			43	43	9	į ė
72/ 71	• 3	2.8	2.8	• 7		L	L			• 1		• 1						61	61	30	1 é
7 // 59	1.1	1.6	5 . ℂ			• 1	• 1				• 1				1]	74	74	57	5 1
c:/ 67	• 4	3.4	6.7			• 1		• 1	• 2	•1								107	107	63	65
66/ 65	• 2	5.1	2.7	1 1	I .	• 1		• 1		İ				1			i l	87	87	96	
4/ 63	-1	4.1	1.9			8.	<u> </u>		• 1	└								72	72	95	د ع
2/ 61	• 1	2.9	2.8	. 7	•6	• 6	1											72	72	61	91
5/ 59		3.9	4.0	1.4		• 2	• 1	• 1		 								95	95	66	5 5
50/ 57	• 2	2.8	2.2	1 1	1	. 4	1	1		ļ	l			{	1		\ \	73	73	74	5 é
55/ 55	• 2	1.8	2.0	+	• 4	•2		<u> </u>			ļ							54	54	65	6.2
- 4/ 53	į	1.1	1.7	1 1	• 7	• 1				1							1	42	42	5.6	59
5 / 51		1.3	• 9		• 4		ļ			⊢ —							-	32	32	56	39
5./ 49	• 1	• 9	• 6	1	l .		ļ		ĺ									23 17	23 17		
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			• 4	1 1		• 1	1											9	9	2J 21	32
42/ 43		• 2	• 2		+	• 1		-		<u> </u>				-				5	5		16
4 / 39			• 1	1 1	1													2	2	l e	14
33/ 37			• 2				 			 -								2	2		21
6/ 35		• 1	• 2			1												1	1	7	14
34/ 33		• 1		 		 	 		ļ	 					-+					2	1.3
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- 2/ 29				 		 	 				-										c
1/ 27								İ													1 :
26/ 25				 				<u> </u>												_	1
2/ 21	-] 3
STAL	3.0	35.2	37.6	12.8	6.1	3.4	.6	•6	• 3	.2	.1	• 1						-	930		900
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Element (X)		2 4,			ZX		¥	•,		Ne. Ob	s.				Mean No	o. of Ho	ours with	Tempere	lure		
Rel. Hum.			2206		722	24	80.2	13.6	01	9	υc	501	, ,	32 F	z 67 I	-	73 F	- 80 F	- 93	F	Total
Dry Bulb		350	7858		557			7.6		9	00				29.	8	5.6			\neg	Ğ.
Wet Bulb			4747		525			8.3		9	00				15.	6	• 9				7
Dew Point			U230		499		55.5			- 6	00			3.0	12.	n	• 6	1	\dashv	\neg	5

FORM 0-26-5 (OLA) INVISED MEMOUS SERIONS OF THIS FORM ARE OSSOUTE

BERGSTROM AFB TX

3.148.333.6 8.2 3.9 1.8

STATION NAME

1 79 14

STATION

PSYCHROMETRIC SUMMARY

960

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0306-<u>6500</u> PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 3 76/ 75 29 4/ 73 1.3 1.7 22 1.2 51 72/ 71 3.2 2.2 51 · / 69 3.2 4.3 80 80 54 68 57 1 3/ 67 • 2 4.8 3.4 60 51 .2 6.6 1.9 83 83 77 83 66/ 65 .9 2.4 4.7 63 97 76 . 4/ 63 • 1 • 2 • 2 :/ 61 5.7 86 86 67 1 / 59 • 3 73 73 .3 3.4 2.3 • 8 • 1 68 • 1 5/ <u>57</u> .1 4.2 2.1 73 73 55/ 55 61 61 61 .1 2.9 1.4 1.1 6. 51 51 5 3 14/ 53 **6** 5 1.8 2.4 F 27 51 2.7 2.1 53 53 53 35 5 / 49 23 23 1.2 67 1 1/ 47 • 3 24 49 1.6 18 18 6 5/ 45 1.1 • 2 14/ 43 .4 1.3 22 22 18 24 42/ 41 13 13 ·. / 39 10 10 19 • 1 35/ 37 2.3 3o/ 35 34/ 33 17 '2/ 31 30/ 29 50/ 27 L 5/ 25

69-70,73-85

No. Obs. Mean No. of Hours with Temperature Element (X) ±67 F = 73 F = 80 F = 93 F 83.312.171 60.2 8.325 57.4 8.968 6380999 900 Rel. Hum. 74987 5 0 F ± 32 F 24.3 3328522 54218 Dry Bulb 900 15.2 3034719 51635 2823537 55.010.630 Dew Point 49495 11.7

BEVISED PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE æ ٥ 0.26.5

TOTAL

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-80 APR STATION NAME MONTH 060B-08L WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 / 79 1 74/ 73 .7 1.6 20 20 1 6 3.7 3.6 70 70 23 7.1 71 . 2 70 7 69 4.2 2.6 70 48 53/ 67 4.3 3.6 76 76 66 -6/ 65 4.9 2.2 83 83 7 C 79 4/ 63 79 77 90 90 75 51 • 6 5.6 1.7 • 1 • 1 71 6-J 59 • 2 69 55 3.6 1.8 69 82 77 5.5/ 57 3.7 2.2 1.2 • 6 77 62 68 56/ 55 3.4 1.0 1.2 65 65 68 -41 53 51 51 67 1.8 2.0 51 52/ 51 2.0 40 40 57 44 1.6 £ 1/ 49 1.2 53 1.0 • 2 . 4 26 26 47 . 8 18 18 46 46/ 45 1.1 1.1 25 25 24 42 44/ 43 11 11 25 31 • 3 42/ 41 8 20 • 2 • 6 • 1 7 43/ 39 7 . 2 24 8 38/ 37 • 2 15 15/ 35 34/ 33 32/ 31 33/ 29 0/ 27 ^ b/ 25 24/ 23 2/ 21 TOTAL 3.147.430.6 9.7 5.8 2.4 9_0 900 Element (X) No. Obs. Mean No. of Hours with Temperature 82.712.607 Rel. Hum. 6293785 74403 900 ≥ 67 F = 73 F = 80 F = 93 F 10F ± 32 F 54610 60.7 8.111 900 24.3 2.7 Dry Bulb 3372756 • I Wet Bulb 3059488 51874 57.6 8.798 900 16.1 • 6 Dew Point 2839539 49663 900

D-26-5 (OLA) RIVIND MEWOUS FORTONS OF THIS FORM ARE OBS

SAFETAC rosm 0.34

PSYCHROMETRIC SUMMARY

BERCSTROM AFB TX 17904

69-70.73-80

YEARS

APP

PAGE 1

9900-1100

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 29	- 30 + 31		Dry Bulb		De
54/ 83						. 2								• 1			3			\sqcap
2/ 81	l]]			• 3		1]	.1					j			8	8	į l	1
- / 79			• 2	.4				 -				. 4	$\neg \uparrow$				22	22		íΤ
7:1 77		. 1	. 3	2.0		1	. 3	• 2	.6			1	- 1	1	- [1	47	47		i
75/ 75		- 1	1.9			.4		• 4	• 2	• 6	• 2						66	66	3	Г
74/ 73		• 3	2.3	2.8	2.1	- 8	.7	.7	. 4		l			_ 1			91	91	20	i
7./ 71		• 9	3.7	1.9				• 9	. 4		• 1						98	98	58	Γ
7./ 69		1.4	4.3					1.3	. 3	.1	• 1						131	131	69	
60/ 67	• 1		3.9						• 2								103	1 1	92	i
667 65	. 2			1.8				• 2		.1							86	86	97	
4/ 63	• 1	1 1	4	1 1			1	• 2						Ī	Ī		59	1 1	102	i
/ 61		1.7	1.3	$\overline{}$	_			<u> </u>	• 1								54		8.3	<u></u>
60/ 59		2.0	I	1 1	1 1	1	I .				١ ,						43	1 1	84	l
56/ 57		1.0						• 2				\longrightarrow					28	28	73	_
5 3/ 55		• 6	,	1	1		1	• 1									19	19	55	i
F4/ 53		. 8			• 3			↓	 _			-					17	17	50	<u>—</u>
72/ 51		• 4			1 1	h	• 3	1	ļ				1				11	11	4 1	i
5./ 49		├	. 2		• 1	• 1		 					+	\rightarrow			5		23	_
47 47		• 1	1	• 1	• 1											l	6	ı		i
46/ 45		 	• 1	├	\longleftarrow	• 1	 			-							2	2	13	_
42/ 41			• 1		1 '				ŀ	ļ			- 1		Ì		1 *	•	5	i
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30/ 35				 	$\overline{}$			 	-			-		\dashv			+	 		$\overline{}$
34/ 33	-		; !		1 1	1 '	l							1						i
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31/ 29	1		. !	ļ	1 1		ļ	l					1		1	i		l j		ı
28/ 27					\neg															7
16/ 25		į j		<u> </u>	[]				l .				1				l	_]		i
22/ 21																				_
TOTAL	. 4	14.9	23.6	17.7	13.0	11.9	8.1	5.7	2.8	1.0	. 4	. 4	_1	• 1			l	900		_
																	900		900	Ī
Element (X)		z _x ,		┼	Z		<u> </u>	-	<u> </u>	No. OL	<u> </u>			1	Mean No.	of Hours wit	A Tempera			_
Rel. Hum.			3289		617	47		17.8	66		00	= 0 F	1	32 F	≥ 67 F	≥ 73 F	- 80 P	+ 93 F	F 7	To
Dry Bulb			0177		610		67.9	6.8	82		00			1	56.9				\neg	_
Wer Bulb		342	5649		551	31	61.3	7.3	46	9	00				24.2			+	\neg	_
Dew Point		294	7002		506		56.3			9	00		\rightarrow	2.9	14.3	- 4	1		\neg	_

41.5

PSYCHROMETRIC SUMMARY

1 9 4 BERGSTROM AFB TX
STATION STATION NAME

69-70,73-80

PAGE 1

1200-1400

																					(L. S. T.)
Temp.							BULB							-				TOTAL		TOTAL	
(F)	0	1 - 2	1-4	5-6	7 - 8	9 - 10	11 - 12	+	+	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.			Dew Pei
· / 89	ŀ	(I	1 1	1 1	1 '	ľ '	'	• 1		'	1 '	1 '	1	'	• 1	1 '	1	2	2		
8/ 87			'	$\perp \perp \perp \prime$	<u></u> '	<u> </u>	<u> </u>	• 2	<u> </u>	⊥'	'	<u> </u>	<u></u>	Ĺ'	• 1	<u> </u>	<u></u>	3	3		<u></u>
6/ 85			₁ 1	[]	• 1	í	1.1		ſ '	Γ,	• 2	₁	i	• 2		Γ'	ſ	21	21	ſ	
4/ 83			لا	. 1	- 4	.8	. 9	• 3	. 3	.7	.1	. 1	• 1	. 2	1	ı'	<u></u>	37	37		
27 81		\Box	• 1	• 1		1.8	1.1	. 3				1		• 1	()	í '	ĺ	63	63		
./ 79		igsquare	لـــــا	• 8			2.2							Ш_′	<u> </u>	↓′	<u></u>	102	182		1
7-/ 77	,	† J	ι^{-1}	1.3			1 1						i '	1 '	1 1	ı '	1	101	101	3 ' 1	
75/ 75		• 1		2.0			+		_	1.2		_	ـــــــ	↓ ′	\bot	 '	ـــــ	133	133		+
14/ 73	ļ	- 4		1	1	1 - 1							i '	1 '	1	1 '	1	109	109	1 1	1
72/ 71		.4									. 4	• 1	└	↓ —'	↓	 '	↓ '	84	84		
73/ 69	ı	. 9		1 1	1 1	- 4	- 4	1 1		1 '	ι^{-1}	i F	í '	1 '	(!	í '	1	67	67		
c/ 67	• 1	+						•		1	 -'	<u></u> '	↓	↓ —′	\perp	↓ ′	—	5 5	55		<u> </u>
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62/ 61	,	.7			1 1			• 2			1 '	1 7	l	'	1 +	1 '	1	50	20		1
F 0 / 59		.9			• 1					 '	 -	لــــا		 ′	igspace	 -		19	19		
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43/ 47		• 1		• 1		 '	\longleftarrow	\longleftarrow	—	├ -		$\overline{}$		₩	₩-	↓	←	2	2		
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Element (X)		Zz'	\longrightarrow	بــــ	2 1	——	X	-		No. Ob					Meen 1	40. of H	ove wif	l A Temperati			
Rel. Hum.						_		1	_			201		1 32 F	= 67		73 F	- 80 F	- 93 1	F	Total
Dry Bulb			$\overline{}$						\neg		$\overline{}$		\neg				<u></u>	 	1	\neg	
Wet Bulb						\neg			_		$\overline{}$		\neg						1	\neg	
Dew Peint				$\overline{}$					-		\rightarrow		_	$\overline{}$		$\overline{}$		 	+		



STATION

BERGSTROM AFB TX

STATION NAME

PSYCHROMETRIC SUMMARY

MONTH

1200-1400 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 2/ 21 6.1 TAL 7.712.414.612.913.211.6 8.9 3.0 2.0 • 2 900 900 900 7 7.518.732 73.6 7.088 63.5 6.897 56.310.730 Mean No. of Hours with Temperature Element (X) No. Obs. 900 51768 Rel. Hum. 3293156 = 67 F = 73 F = 80 F = 93 F ≤ 32 F 77.7 4924554 66268 900 57.1 17.5 Dry Bulb 3668234 57122 900 34.5 6.3

900

410.3

3.0

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69-75,73-85

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Wet Bulb Dew Paint

2952295

50635

PSYCHROMETRIC SUMMARY

17.954 BERGSTROM AFB TX 69-70,73-8C APR MONTH
STATION STATION NAME VEARS PAGE 1 1500-1700

PAGE 1 1590-1790

													_								L. S. T.)
Temp. (F)	-				7.0						SSION (22 . 24	26 24	27 28	20 . 30	- 31	TOTAL D.B./W.B.	Dev Bulh	TOTAL	Daw Pair
1,/ 89	-	1 - 2	3 - 4	3 - 6	<u> </u>	7 - 10	11 - 12	13 - 14	13 - 10	• 1		• 1	.1	23 - 20	27 - 20	27 - 30	- 31	3	3	WET 0010	500 7 0.
98/ 87								•6	.6			.1	••		.1			16	16		
°6/ 85						• 1	• 7					• 1	• 1	• 3				30	30		·
4/ 83					. 4	1.2		. 3		I	. 6	. 4	. 8	.1		1		58	58		
c2/ 81				• 3	1.3	1.3		2.2	. 4	. 4	.7	.9	.7					93	93		
2 / 79			• 1	. 7	1.6	2.3	3.3	3.1			1.7	• 3	•2	.1				139	139	ı	
7./ 77			• 3	1.4	2.1	2.3	1.9	1.2	•		1.0	• 4	. 4					134	134	1	i
76/ 75		• 2	• 6	1.0	1.9	1.3		.6			.7	• 2	<u> </u>	L				99	99	13	
74/ 73	• 1	, ,	• 9	1.3	1.0	• 9	1.0			• 3	ı	• 1			l i			78	78	69	10
72/ 71	•2		.7	1.3	- 8	• 3		• 7						<u> </u>	├ ──			57	57	81	5.
73/ 69		1.6	• 9	1.2	1.1	• 1	ı	• 3		• 2	1							54	54	84 131	
68/ 67 66/ 65	• 3	• 4	•6	• 6	1.2	• 3	• 7	• 6		• 4	 				1			29	47 29	88	7:
(4/ 63	. • 3	.7	• ′	• 2	• 1	• 2	• 3	• 3							1			20	20	80	5
62/ 61		.1	• 3	• 6	• 2			• 3	-	• ,	<u> </u>				1			7 9	29	87	7
63/ 59		.6	.1	• 2	• 4		i	.4										13	13	75	70
53/ 57		. 3	•••		• 1			- -			_				1			4	4	70	4 (
56/ 55		. 1			•													1	1	40	5 (
54/ 53		• 1																1	1	27	29
52/ 51		.4	• 1	l	• 2			l .					l					7	7	10	39
5-1/ 49				• 1	• 2													3	3	21	3 6
43/ 47			• 2				<u> </u>	L										2	2	6	3:
45/ 45		• 1																1	1	7	5
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32/ 31																					ī
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£6/ 25																					
24/ 23										Ĺ								<u> </u>			
Element (X)		z,			ž _X		X	₹		No. Ol	9.					_		h Temperat			
Rel. Hum.						\perp		L				10	P .	32 F	2 67	P 2	73 F	- 80 F	+ 93 (<u> </u>	Total
Dry Bulb						_			-							\rightarrow		├	+-		
Wet Bulb									-						-	+		 	 		
Dew Point				L				l					i_		l				1		

Dew Point

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C FORM D-26-5 (OLA) REVISED MEMOUS EDITE

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PSYCHROMETRIC SUMMARY

17904 BERGSTROM AFB TX 69-70,73-80

YEARS

APR

PAGE 2

1500-1700 HOURS (L. S. T.)

							_														L. S. T.)
Temp.		,	,			WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	
STAL	• 7	5.6	5.5	8.7	13.0	10.2	13.0	13 - 14 1 2 • 5	10.0	8.1	6.8	2.8	2.3	• 6	• 3			899	899		899
		<u> </u>	<u> </u>	-		-	-			-				├				879		899	
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Element (X)		Z _X '			ZX		X	•		No. Ol								Tempere			
Rel. Hum.		295	2899		484	49	53.9	19.5	12		99	3 0 1		32 F	2 67	F	73 F	> 80 F	• 93	<u> </u>	Total
Dry Bulb		516	4432		678	44	75.5	7.0	40		99		_				65.1	27.	۷		90
Wet Bulb		3/1	7888		574	Y U _	65.9	6.7	76		99					•9	8.3		+		9.
Dew Point		291	3620		501	96	<u> 55,8</u>	11.1	13	8	99			3.1	15	•5	1.1				9 û

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PSYCHROMETRIC SUMMARY

APR BERGSTROM AFB TX 69-70,73-80 STATION STATION NAME 1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 6/ 85 • 1 • 1 = 4/ 83 7 • 2 22/ 81 • 2 • 1 • 2 26 . 3 1.1 • 3 • 1 26 54 20/ 79 . 8 • 4 54 . 4 1.0 92 92 70/ 77 1.6 1.7 1.8 1.7 1.1 . 8 • 1 1 . 1 2.1 2.6 2.0 • 6 1.4 107 137 761 74/ 121 73 4.2 2.0 121 8 1.3 . 9 1.1 25 • 4 1.9 1.2 . 1 72/ 71 2.3 2.3 1.2 1.2 117 117 1.1 1.1 1.4 1.1 7./ 69 96 1.0 2.3 1.6 • 8 1.4 1.5 1.6 96 74 46 56/ 67 . 7 . 9 1.2 1.9 . 8 . 3 90 90 68 2.6 . 8 . 6 . 2 120 • 7 • 9 o6/ 65 .9 1.4 • 7 • 8 . 9 • 2 . 1 60 60 100 83 96 £4/ 63 .7 39 39 71 . 8 • 2 . 2 • 6 . 7 • 6 • 6 • 1 • 2 42/ 61 • 9 • 2 • 2 • 7 • 3 25 25 76 89 • 1 74 21 21 61 45/ 59 53 50/ 57 • 3 . 1 • 1 • 2 • 7 14 14 71 55/ 55 • 3 - 1 8 8 69 46 54/ 53 . 1 46 37 • 2 52/ 51 . 2 17 40 .7 . 1 • 2 22 39 5 / 49 • 1 1 1 45 48/ 47 • 1 1 10 1 46/ 45 11 44/ 43 12 36 42/ 41 16 17 40/ 39 38/ 37 16 18 36/ 35 34/ 33 7 32/ 31 30/ 29 28/ 27 7 ?6**/ 25** 24/ 23 900 900 7.713.415.814.413.111.110.7 6.1 3.9 2.0 TOTAL • 3 900 900 55210 Zx Mean No. of Hours with Temperature Element (X) 61.318.909 No. Obs. 3708250 900 Rel. Hum. s 32 F ≥ 67 F ■ 73 F 40.9 4577856 63918 71.C 6.536 900 71.2 5.9 Dry Bulb 29.1 **9**0 56041 62.3 7.022 900 3.4 Wet Bulb 3533877 2904664 50188 55.810.856 900 14.1 . 9 Dew Point

PSYCHROMETRIC SUMMARY

SERGSTROM AFB TX

69-70,73-80

PAGE 1

2100-2300

Temp.		_				WET	BULB '	TEMPER	ATURE	DEPRES	SION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18			23 - 24	25 - 26	27 - 28	29 - 30	231	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pe
2./ 79			. 4	• 1		. 1												6	6		
75/ 77		• 1	• 2	. 3		. 1	ľ		Ì	1 1				• 1				8	8		1
70/ 75		. 4	1.1	.8	• 3	• 1	• 2	• 1					• 1					29	29	6	
74/ 73		. 6	3.6	1.8	. 4	. 1		• 2	- 1	1 1	ł		• 1		ļ			62	62	8	
72/ 71	. 8	2.2	3.9	2.6	1.1	• 2	•1				\neg							98	98	34	1
7 / 69	• 2	1.7	5.4	2.8	1.	8.	. 1	• 3							1			111	111	74	3
60/ 67	• 2	2.0	6.4	2.3	1.0	1.2	.7	• 3	• 1									129	129	76	6
6/ 65	. 1	2.2	2.8	1.7	• 9	1.4	. 4	• 3										89	89	95	7
64/ 63		1.2	2.0	1.7	1.9	1.6	.6	• 1										81	81	110	8
52/ 61		2.2	1.4	2.0	2.6	. 8	. 8	l .		L								88	88	64	7
63/ 59	• 1	1.2	1.3	1.9	1.4	. 8	• 3	• 2			- 1							6 6	66	76	7
98/ 57		. 9	1.2	1.1	.6	• 3	L							<u> </u>				37	37		6
56/ 55		• 7	• 7	. 4	• 6	. 4												27	27		4
£4/ 53		• 3	• 3	. 1	. 4	. 9				l				1				21	21		3
2/ 51		1.1	• 2		• 6	. 4												21	21		5
53/49	• 1	• 2		• 6	• 3	. 1	.1											13	13		4
43/ 47		• 1			• ?	. 1												4	4	18	5
46/ 45			. 4	. 2	• 2													8	8	11	4
44/ 43]										24	2
2/ 41	_		• 1				L							\sqcup				1	1	7	1
43/ 39			• 1												1			1	1	5	1
36/ 37	_									\sqcup										- 4	1
36/ 35															1			i l		1	1
34/ 33										 _								ļ			1
32/ 31				i											ł						
30/ 29										 		ļ		\vdash							<u> </u>
² 6/ 25						ľ	1		1	1 1				1 1	1			1			
24/ 23							<u> </u>														_ <u></u>
OTAL	1.6	17.Z	31.8	20.3	13.6	9.6	3.8	1.7	• 2				• 2	•1	1				900		90
														├				900		900	<u> </u>
																			_	<u> </u>	
lement (X)		z,			ž _X		¥	•.		No. Obs					Mean N	o, of He	ura wid	h Temperat	uro		
el. Hum.			9540		661	36	73.5			90		± 0 l	,	32 F	± 67		73 F	- 80 F	a 93	F .	Total
ry Bulb			6718		586	86	65.2	6.6	70	90			$\neg \vdash$		44		10.5			\neg	9
for Bulb			5713		540		60.0			90	1 वर				19.		1.4		 	\neg	- 3
ew Paint			7436		503		56.0			90			\dashv	2.6			. 9	1	+	-	

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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-89 APR PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 .0 5 3./ 89 •0 .0 • 0 • 0 .0 19 19 -8/ 87 • 0 • 0 °6/ 35 • 0 • 0 . 1 • 0 . C • 1 53 53 c4/ 83 105 105 • 3 • 3 • 1 . 1 . 1 . 1 • 1 3/ 81 . 1 .6 • 3 • 1 • 0 190 190 • 2 . 8 <u>../</u> 79 .6 .0 • 0 324 324 • 0 • 8 • 8 • 5 • 5 • 1 383 701 77 . 8 • 2 383 5 . 2 . 8 • 1 • 6 45<u>5</u> 455 701 75 . 8 . 8 . 4 • 5 .6 . 0 36 553 553 196 37 74/ 73 . 7 1.9 1.5 • 5 • 2 . 7 • 5 • 6 • 2 • 0 • 0 721 71 . 2 1.8 2.5 . 1 636 636 397 132 392 76/ 69 • 3 • 2 683 683 564 . 4 1.9 3.3 • 8 . 6 • 6 • 1 60/ 67 • 2 2.3 3.6 . 8 . 7 • 5 . 6 . 4 . 2 • 0 687 687 726 528 • 3 F6/ 65 • 2 2.8 1.8 • 5 • 2 •0 548 548 737 629 44/ 63 • 5 434 434 737 576 2.3 1.2 . 2 (2/ 61 .1 2.5 • 3 444 444 639 1.3 • 5 • 1 • 1 399 597 60/ 59 2.0 • 3 399 520 1.4 58/ 57 • 1 1.0 • 7 • 3 • 1 316 316 536 455 1.7 • 1 56/ 55 488 . 1 1.2 . 7 240 240 438 191 191 54/ 53 405 385 . 8 . 8 • 0 . 2 • 1 52/ 51 1.2 183 183 295 311 . 6 291 314 • 0 94 94 54/ 49 • 4 • 3 342 48/ 47 74 74 170 • 3 . 2 . 2 • 1 348 129 46/ 45 • 3 • 1 • 0 44/ 43 • 2 • 0 43 43 121 249 173 42/ 41 . 1 28 28 20 20 49 4 3/ 39 .0 165 37 33 124 36/ 35 27 117 4 4 79 34/ 33 103 32/ 31 30/ 29 58 28/ 27 31 26/ 25 ٥ Element (X) ZX, Mean No. of Hours with Temperature Rel. Hum. 2 0 F 1 32 F ≥ 67 F = 73 F - 80 F ≥ 93 F Total Dry Bulb Wet Bulb Dew Peint

AR 64 0-26-5 (OL. A) BEYISTO REVIOUS EDITIONS OF THIS FORM ARE OSLOLET

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BERGSTROM AFB TX

13904

PSYCHROMETRIC SUMMARY

APR

69-73,73-85 STATION YE ARS STATION NAME MONTH PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | a 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 2/ 21 13 TO TAL 1.622.822.913.210.5 8.2 6.4 5.3 3.6 2.4 1.5 7199 7199 . 8 . 2 7199 7199 Element (X) Zx' No. Obs. Mean No. of Hours with Temperature 38184124 32932873 70.119.616 67.0 9.176 +67 F = 73 F +80 F +93 F 409 +4 208 +7 52 +8 Rel. Hum. 504924 7199 5 0 F 720 **7**20 Dry Bulb 482411 7199 26870315 435897 Wet Bulb 60.5 8.140 7199 .2 192.4 23.7 23168323 23.9 109.6 4.4 7199 Dew Point

SEC.

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME

69-70,73-80

2000-0200

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12						23 - 24	25 - 26	27 - 28	29 - 30	→ 31	D.B./W.B.	Dry Bulb		Dow P
/ 79		• 2	• 1	•2														5	5		
٤/ 77		.6	2.0	• 3		• 1						i					1	29	29	3	
6/ 75	• 1	2.2	2.7	1.6	• 1	• 1												63	63	16	
4/ 73	1.3	4.7	4.4	2.3	• 2	. 1				.1	1	İ	ł		1		1	122	122	61] 3
2/ 71	• 9		7.1	1.3	. 8	• 2			• 1									171	171	108	9
1 69	• 3	5.5	5.6	1.2	• 6	• 1			• 1	[i					1	125	125	135	9
3/ 67	• 2	5.1	5.7	1.4	• 1													116	116	142	13
6/ 65	. 4	3.2	1.9	1.3														61	61	102	13
4/ 63	• 3	3.4	3.	• 5	• 1	. 2												77	77	91	7
2/ 61	• 1	2.2	2.3	• 6														48	48	67	,
. / 59	• 2	2.0	1.5	• 8	• 5													47	47	65.	6
5/ 57		.4	1.1	. 9	• 2					<u> </u>			<u> </u>				<u> </u>	24	24	43	-
5/ 55		.8	1.0	• 2											1			18	18	24	
4/ 53		• 3		• 1														16	16	31	
2/ 51		• 2	. 4				i								l		ļ	6	6	24	
:/ 49			• 2				ļ											2	2	12	
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ement (X)		Zx'			; <u>x</u>	$\neg \vdash$	I		\top	No. Ob	3 .			L	Meen N	lo. of He	ours wid	Temperat	ure		
I. Hum.			6256		790	56	85.0		44		30	10	,	32 F	2 67		73 F	- 80 F	▶ 93 F	-	Total
, Bulb			0087	-	633		68.1				30	•			63	.1	21.9	•		\top	•
r Bulb		399	2040		606		65.2			9	30				46	•5	8.0		1		
w Point		37 à	8376		589	9 N	63.4	7.0	<u>a ci</u>	9	30				37	.11	4.6		T	$\overline{}$	-

PSYCHROMETRIC SUMMARY

STATION SERGSTROM AFB TX
STATION STATION NAME

69-70,73-87

7300-6506

Temp.						WET	BUL 6	FMPF	ATUPS	DEPP	SSION /	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12						23 - 24	25 - 26	27 . 28	29 - 30	* 31	D.B./W.B.	Dry Bulb		Dew Po
7:/ 77		.8	.8	• 6			-		-							-		23	20		
6/_75	. 1	1.2	2.7	1.2							'						l	48	48	8	
4/ 73	1.3					• 1											T	91	91	43	20
72/ 71	1.7	6.2	4.8	. 4			L										<u> </u>	123	123	109	7 7
7 / 69	1.3	7.7	4.7	• 6	• 2			• 1	• 2									139	139	124	12
55/ 67	. 1	7.7	3.7	. 1	• 2	• 1			L								<u> </u>	111	111	125	11
6/ 65	1.2		2.3	• 5	• 1					ĺ				1				89	89	104	12
4/ 63	1.0			- 3	<u>•1</u>												L	88	88		
2/ 61	• 2			• 3	• 1	• 1				1							Ì	61	61	71	ષ્ટ
/ 59				- 8	• 1								L					52	52		5
57 57 55/ 55	• 1			• 3]										1	32	32	56	5
4/ 53		1.0	1.5	• 3						├-			 -				├ ──	26	26 17	22	5
2/ 51		.5		• 3										1	ł		}	18	18	24	2
/ 49		• 2	1.4	-			 			-	<u> </u>						├	10	10	24	2
6/ 47		.4	• '''								1			1	- 1			4	4	14	2
5/ 45		• 2												-			}	- 7	2	5	1
4/ 43		7								ļ	ì			<u> </u>	ļ			-	· [1	ĺ
2/ 41														-			<u> </u>	t			-
TAL	7.1	50.3	34 - 6	6.5	. 9	. 3		• 1	• 2		. 1	ļ		ľ				1 1	930		93
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		-															├	 		 	
											ļ						1			į ,	
lement (X)		Z _x ,		<u>_</u>	: <u>1</u>	$\neg \vdash$	1			No. Ob	- 				Mean N	o, of H	ours wid	h Temperat			
el. Hum.			0641		814	69	87.6		92		30	± 0 1	,	32 F	± 67		73 F	■ 80 F	+ 93 F	F .	Tetal
ry Bulb			8768		619	12	66.6				30				53		15.9				9
et Bulb			7036		597		64.2				30				41		5.3		1		ζ,
ew Point		371	5388		583	76	62.8	7.5	10	- 6	30				34		3.5	$\overline{}$			9

PSYCHROMETRIC SUMMARY

STATION SERGSTROM AFB TX 69-70,73-80 MAY YEARS STATION NAME MONTH PAGE 1 **1680-0863** HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point • 1 1 ./ 79 12 12 -8 1.5 73/ 77 1.2 32 32 3 '6/ 75 2.3 3.7 76 76 73 4.6 74/ 4.7 • 6 • 1 100 100 73 33 . 1 71 1.5 6.7 6.3 . 9 150 150 124 ь3 • 6 7./ 69 . 9 6.2 4.7 123 123 143 • 6 • 1 • 1 • 1 126 3.1 65/ 67 4.8 1.7 94 94 127 120 • 5 5.9 102 66/ 65 3.2 • 5 • 2 102 94 154 96 .4 4.8 . 3 . 5 4/ 63 1.7 • 3 76 84 76 6.27 61 .4 2.2 1.5 • 5 • 5 51 51 77 72 1.9 / 59 39 1.0 • 6 39 45 76 . 0 . 9 1 5/ 57 22 22 45 <u>.</u> 41 55/ 55 1.3 . 8 37 21 21 26 53 • 9 35 18 . 4 16 16 2/ 51 • 2 6 23 5./ 49 13 • 2 • 4 6 6 48/ 47 10 27 45/ 45 14 44/ 43 13 2/ 41 4.843.234.810.5 4.6 1.5 TOTAL 930 930 930 Element (X) Mean No. of Hours with Temperature 6850770 79306 ±67 F = 73 F = 80 F = 93 F 85.3 9.729 930 Rel. Hum. 2 0 F 1 32 F 68.0 6.148 Dry Bulb 4332718 63220 930 58.8 22.1 •7 3986723 60547 65.1 6.467 930 Wet Bulb 46.4 8.6 ijγ. 4.1 Dew Point 3779991 58889 63.3 7.413 39.4

Ĩ ₹ 9 0.26.5

PSYCHROMETRIC SUMMAR

STATION BERGSTROM AFB TX

STATION NAME

69-70,73-80

YEARS

MAY

PAGE 1

Temp.						WES	BULB	TEMPE	ATUPE	DERPE	SSION	E)					TOTAL	f	TOTAL	
(F)	0	1.2	3 - 4	5.6	7.8								23 - 24	25 . 26	27 - 28 29	- 30 - 31		Dry Bulb		Daw 6
7 / 89			1		. 1	_	• 1		1.5 - 1.0				-	1	27 - 20 2		3	3		
-8/ 87							1	I				ļ		• 1	i		3	3		
6/ 85			1	• 1	• 1	.5		+		1	• 2	• 1		1			21	21		
4/ 83			• 1	• 5	1.9	1.5	. 9	• 3	• 1	. 1		.1		1			5.2	52		
./ 81		• 1	. 2	2.3	3.6	2.0	• 9	• 5	• 5	. 1							95	95	1	
./ 79		<u> </u>		1.3		-					• 2	<u> </u>					96	96		
7:/ 77		. 4				1.1	1 .		• 2		• 1			1			148	148	13	1
75/ 75		1.1		+						• 1				 	-		136	137	66	
74/ 73		1.5	1 .		F	1			• 6	.1							135	135	151	
7./ 69	• 2	.6		1.7					•1					 			58	58 60	144	
67 67	• 2	. 9		1	l _			ł .	• 1				Ì			}	60	44	102	
6/ 65		1.3	+						\vdash					-			38	38	81	10
:4/ 63		.8				1	1	'-								ł	17	17	54	
-2/ 61		• 2												1	 		<u> </u>	8	47	
€ ./ 59		2		. 2				l								Ì	5	5	34	
1/ 57		. 4	• 1		• 3		T										8	9	> 7	
56/ 55			• 2	ļ	<u> </u>	ļ	ļ							L			2	ž	25	
4/ 53							ĺ		ĺ	ĺ									15	_
2/ 51		<u> </u>		ļ	<u> </u>		↓		ļ					ļ			ļ			
53/ 49																			1	1
40/47		 		┼──	 	 	 	 				ļ					+			<u> </u>
44/ 43		i																		1
12/ 41		 	 	 		 	 	 	 								 			
4 / 39			ĺ			ĺ	ſ	ľ							1		Ì			ł
↑ TAL	• 2	8.2	19.1	22.9	19.6	13.2	7.1	5.9	2.2	• 8	• 5	• 2		• 1		_	†	930		9
]					, ,	•			'-		-	929		929	
	····																			
-	-											-				-				
Element (X)		Z _X ,			Σχ		X	•,		No. Ob						of Hours wit				
Rel. Hum.			1636		648		69.8				29	= 0	<u> </u>	1 32 F	≥ 67 F		▶ 80 F	* 93 t	-	Total
Dry Bulb			8939		699		75.3				30		_		85.					4
Wer Bulb			5693		633		68.2				29				64 • (5		9
Dew Point		<u> </u>	1687	L	596	61	64.2	1.6	אַ ס	<u> </u>	29				45.5	6.7	L	_L	_1_	9

POBM 0.20-5 (OL.A) REVISID REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1 3 4 BERGSTROM AFB TX 69-70,73-80 MAY
STATION STATION NAME VEARS

PAGE 1 12:0-14::
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Paint (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 4/ 93 2 • 2 92/ 91 47 47 2.2 9./ 89 • 1 8/ 87 2.7 2.2 . 3 • 3 . 2 8.0 80 1.5 1.1 . 1 6/ 35 1.4 3.3 2.4 2.2 1.1 • 1 102 102 3.3 2.9 3.7 2.0 135 135 • 3 · 2/ 81 1.5 3.8 3.7 2.5 1.0 130 130 • 9 3.1 . 8 121 / 79 121 . 9 • 5 . 8 1. 80 80 55 1 7 3/ 77 1.6 .3 1.6 1.8 126 • 5 70 70 1.6 1.5 1.0 . 2 1.7 74/ 73 1.6 • 3 . 4 • 1 • 4 45 45 179 63 . 6 72/ 71 1.3 41 41 131 1.1 • 2 .6 21 104 21 . 4 • 2 101 73/ 69 • 2 • 2 • 1 • 5 16 103 145 65/ 67 . 2 . 4 . 1 16 · f / 65 . 4 • 3 17 17 50 104 .4/ 63 57 75 6 6 12/ 61 3 3 42 73 2 27 41 £ _/ 59 33/ 57 2 Ü 38 25 17 50/ 55 54/ 53 16 12/ 51 15 5_/ 49 43/ 47 46/ 45 44/ 43 42/ 41 40/ 39 36/ 37 930 930 6.7 9.016.818.515.814.5 7.6 4.2 2.7 STAL 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature 3481098 55284 59.414.478 93C ≥ 67 F ≥ 73 F ≥ 80 F 5 0 F ± 32 € 89.9 930 58.3 Dry Bulb 6025768 74638 80.3 6.193 82.1 70.8 64044 69.8 5.595 930 37.0 • 1 4564272 Wer Bulb 3877684 59584 64.1 8.050 Dew Point

ETAC FORM 0-26-5 (OLA) REVISIO MEVICUS EDITIONS OF TIMS FOR

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME 69-70,73-80 PAGE 1 1500-1700

																				HOURS (L. S. T.)
Temp.						WET	BULB	TEMPE	RATURE	DEPRI	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14			19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	» 31	D.B./W.B.	Dry Bulb	Wet Builb	Dew Poi
=6/ 95		ļ	ĺ				ļ	ĺ	• 2		• 1	ļ			ļ			3	3		}
54/ 93								_ • 1	1	• 3	• 4			L				9	9		
° ≥/ 91							• 1	• 3	• 9	• 6		• 1		• 2	-4			25	25		
9 _/ 89			<u></u>			• 3						• 3		• 2	• 1		<u> </u>	79	79		
18/ 87					• 3		2.2	2.3		- 8	- 4	•1	• 3					96	96		
6/ 55			L	• 1	. 8	2.6	3.4		1.7	.9			L					125	125		
4/ 83				• 5	1.8	3.7	3.3	2.2		• 3		• 3	• 1	l .			1	130	130		
/ 81			ļ	1.1	1.7	2.6	2.2	1.6	1.6	1.0		.5		<u> </u>				119	119		
_/ 79			j •8	–	1.9	1.6	1.0	1.1	• 9	• 8	ľ	• 1						88	88	20	_
73/ 77			1.1	1.2	1.2	1.1	• 6	• 4	• 5	•2	• 3	• 1					L	63	63	60	5
76/ 75		. 4	1.0	1.6	• 0	• 6	• 5	,	-	.9	• 1	\ 		}) j		ì :	66	66	133	21
74/ 73		• 3	• 2		• 3	• 4	• 2	• 2		• 1		L					L	43	43	177	74
72/ 71			1.1	1.0	• 1	• 1	• 1	• 1	• 3	į .	Į .	[[[(26	26	148	86
7.7 69	<u>•1</u>	- 3	• 6		• 3		?	• 1		<u> </u>				ļ			<u> </u>	17	17	87	109
20/ 67	• 4	• 3	• 4			_	• 3	1	١.									14	14	98	139
6/ 65	. 1	• 3	• 5		• 1	• 2	-	• 2	• 1		}			1	 		ļ	15	15	57	119
4/ 63		• 2	• 2		• 2			}					!	i I				6	6	5.3	8 6
/ _/ 61			- 3					 		├ ~				L				3		36	60
£ ./ 59			• 1				i	ļ		l							1	1	1	18	37
E 8/ 57			• 1					<u> </u>				L						1	1	27	43
56/ 55			• 1	Ì '			Ì)	1	Ì								1	1	11	
r 4/ 53			ļ					├			ļ	<u> </u>		├						2	23
1 2/ 51			,				!	}	İ	1	}	'		1			}		ì	3	
43/ 47			 					 -	-		 			-							21
			l .]			l	ł	[(ĺĺ							
46/ 45			 					├		 											21
42/ 41	i														1				1		7
4 / 39							 				_									——	2
3:/ 37			l								ľ										4
OTAL	•6	1.9	6.6	9.4	9.7	14.0	15.5	16.9	12.6	6.5	3.4	1.6	. 4	. 4	• 5				930		930
		4 • 7	0.0			1407			2.00		3.7	1.0			• 5	i		930		930	
Element (X)		z×,			Σχ		X	•	┶┯-	No. Ol	3.			L	Meen N	o. of He	ours wish	Temperat	VF0		
Rel. Hum.		326	0436		531	80	57.2	15.3		9	30	101	,	2 32 F	× 67		73 F	- 80 F	• 93 1	F .	Total
Dry Bulb			9138		758			6.4		9	30				90.	. 3	84.6	64.	1	. 2	93
Wet Buib		461	5891		653	21	70.2	5.4	80	9	30				72	.3	39.0	•	7		9 :
Dew Point			4997		595	67	64.1	8.0	6	9	30		$\neg \vdash$		43	4	10.0		W.		۶ :

Element (X)	2 X'	ZX	T T	₹ _R	No. Obs.			Meen No. e	f Hours with	Temperatur	•	
Rel. Hum.	3260436	53180	57.2	15.370	930	± 0 F	1 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	Tetel
Dry Bulb	6229138	75878	81.6	6.422	930			90.3	84.6	64.4	1.2	93
Wet Buib	4615891	65321	70.2	5.480	930			72.3	39.0	.7		93
Dew Paint	3874997	59567	64.1	8.0 6	930			43.4	10.0	Ů		93

BERGSTROM AFB TX

STATION MANE

PSYCHROMETRIC SUMMARY

MAY

MONTH

1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 04/ 93 1 1 • 1 62/<u>91</u> · ./ 89 13 13 • 1 • 5 • 3 *8/ 87 • 2 . 9 32 1.3 • 3 . 2 . 1 32 54 54 €61 85 • 2 1.1 2.0 . 8 1.0 • 3 • 1 • 1 . 1 2.2 1.7 82 82 2.0 . 4/ 63 • 8 - 3 . 1 32/ 81 2.6 2.3 3.8 • 1 120 120 1.2 <u>•</u>9 79 3.4 121 2.6 1.1 121 73/ 77 2.9 3.1 . 4 • 5 • 3 128 128 20 .6 2.0 1.8 1.7 . 9 . 2 101 101 80 75 • 5 3.0 2.0 1.7 . 8 . 1 16 70/ 52 150 74/ 73 1.4 2.4 1.2 1.1 • 9 • 5 . 4 . 1 80 80 • 6 1.3 154 72/ 71 2.3 73 73 80 • 5 1.4 • 5 . 6 133 71/ 69 48 48 119 1.1 1.1 1.1 • 1 . 4 • 2 . 4 • 8 . 8 . 2 25 25 139 10/ 67 . 4 . 1 . 4 111 91 6/ 65 • 6 . 4 • 2 • 2 • 1 • 1 21 21 123 84/ 63 . 2 55 • 1 13 13 87 • 5 . 3 . 1 57 61 •1 • 1 • 3 46 57 . 4 _/ 59 28 58 57 **5**0 50/ 55 28 24 54/ 53 25 17 12/ 51 4 5./ 49 17 47 45/ 45 44/ 43 42/ 41 5 <u>./ 39</u> 33/ 37 72/ 31 TOTAL .8 5.5 11.7 15.7 13.3 15.0 14.6 8.9 5.7 1.6 1.3 929 929 929 929 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 4108522 60124 64.715.304 929 ± 0 F = 67 F = 73 F = 80 F = 93 F 1 32 F 73.5 929 88.1 36.8 Dry Bulb 5596853 71885 77.4 6.095 • 1 93 25.6 4414318 63840 68.7 5.423 929 65.5 • 2 9.7 Wet Bulb 59290 929 41.0 9

7.

69-70,73-80

YEARS

-5 (OL A) TEVISED PREVIOUS EDITIONS OF THIS FORM ANY OBSOLI

AC 101 0-26-5 (OLA) "

USAFETAC 10811

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 4/ 83 1 • 1 14 14 45/ 79 58 58 .4 1.0 1.5 1.7 1.4 • 1 . 1 1 73/ 77 .9 3.5 4.4 • 9 1.1 . 1 102 132 7 761 1.4 4.3 5.3 144 144 75 3.2 • 3 . 1 . 1 5 3 74/ 73 3.8 5.1 4.2 1.2 148 148 103 1.2 74 7./ 71 1.8 4.4 3.1 1.6 . 8 112 112 133 3.9 . 4 105 105 145 1 69 116 .2 2.2 2.5 1.8 • 3 • 1 79 79 133 137 67 1.1 94 145 1.2 63 63 66/ 65 1.4 2.6 :-4/ 63 34 39 1.3 1.1 . 8 • 3 34 68 • 5 1.0 70 . 9 32 32 66 52/ 61 15 4 Ü 72 51/ 59 • 1 15 • 3 58/ 57 13 13 27 51 .2 . 6 25 34 50/ 55 . 1 • 4 23 £4/ 53 25 F 2/ 51 19 23 5 1 49 43/ 47 16 46/ 45 12 44/ 43 42/ 41 38/ 37 1 TOTAL 1.216.830.428.014.1 6.9 1.7 930 930 930 930 Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. 5686866 71940 77.411.458 930 2 0 F 1 32 F ≥ 67 F = 73 F * 80 F + 93 F 66590 930 76.3 46.7 93 71.6 5.568 4.8 Dry Bulb 4796786 66.8 5.696 62106 4177624 930 55.0 13.9 93 Wet Buib 63.9 6.945 39.1 3844749 59447

ETAC FORM 0-26-5 (OL.A) HYMD PRIYDUS EDITIONS O

7.7.

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1:204 BERGSTROM AFB TX 69-70,73-80 MAY
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS ILL. S. T.

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 × 31	D.B./W.B.	Dry Bulk	Wet Buib	Dew Point
26/ 95									• 1		•0	_					3	3		<u> </u>
64/ 93		(i i		i i		i	• 0	0.0	.0	• 1	l	ł	i i		ł	12	12	ł	
92/ 91		 	 				•0	•1	•1	•1		•0	-	•0	•1		36	36		
9.7 89					• -	. 1	.3	. 8	. 3	.1	• 1	.1	•0	.1	.0	}	142	142		
8/ 87					• 1	.4	.7	• 7	• 5	•1	•1	.1	•1	•0			211	211		
6/ 85			'	.0	.3	. 9	1.1	9	.5	.2	.1	.0	.0			ļ	302	302		į
£4/ 93			•0	•2	1.2	1.3		• 7	.4	• 1	•1	• 1	•0		• 0		400	400		
#2/ 81		.0		.9	1.5	1.4	1.2	.5		.2	• 1	.1]	j j			479	479	2	
23/ 79		•1	.6	_	1.6	1.5	.5	• 6	• 3	•2	• 2	•0		• 8			501	501	40	•
70/ 77		.5				. 9	.5	. 3		.2	.1	.0	ļ	, ,			602	602	162	23
76/ 75	•0	_			1.4	.6	. 4	.4	• 1	• 2	• 1						704	705	467	102
74/ 73	. 4				.6	.6	• 3	.2	1	.1	"		ĺ	1 1		- [764	764	937	388
72/ 71	• 5				.7	• 3	• 2	• 2		•0							754	754	1051	706
73/ 69	. 4			. 9	.6	• 2	• 2	.3				1					638	638	1013	941
68/ 67	• 3		2.2	• 6		• 2	.2	•1	•n								499	499	942	1088
66/ 65	. 4		1.6	• 5	. 3	• 2	. 1	.1	•0				ĺ				406	406	673	962
64/ 63	• 2			• 3	• 2	• 2	.0					<u> </u>					317	317	595	650
62/ 61	• 1	1.2	.9	• 3	. 3	. 1	1	į	i	l	}	l	ŀ	1 1	1	- [215	215	452	543
63/ 59	•0			.4	• 2												164	164	318	445
58/ 57	• C	.4	.6	• 3	• 1									}		ł	103	103	265	367
56/ 55		• 3	.5	• 2	•0							†					80	80	174	278
54/ 53		• 2	.3	- 1			i		1		1		1				50	50	161	156
r 2/ 51		•1	-3									Î					30	30	91	179
52/ 49		• 1	.2	,				,	1		j	j					17	17	5.3	154
48/ 47		• 1	0.0														7	7	31	17:
45/ 45		•0		1						İ				1			2	2	13	
44/ 43																	T		1	80
42/ 41				L	[]				L	Ĺ		<u> </u>					11		<u> </u>	37
43/ 39									Ţ				ĺ							13
30/ 37			L	L				L		<u> </u>		<u> </u>								9
3 2/ 31																			}	2
TOTAL	2.3	20.9	23.1	14.2	10.8	8.9	6.9	5.9	3.6	1.6	1.0	. 4	• 1	.2	1			7439		7438
																	7438		7438	
Element (X)		Zy'	<u> </u>	-	Z z		X	-,		No. Ol	. I				Meen No.	of Hours wi	th Temperet	ure	<u> </u>	
Rel. Hum.			6225		5451	8 7	73.3			74	_	2 0	F	1 32 F	= 67 F	a 73 F	→ 80 F	• 93	F	Total
Dry Bulb		4078			5474		73.6				39				604.9	415.	186.8	3] 1	•5	744
Wet Bulb			7597		5:05		67.3			74	38				461.5	160.0	1.3	3		744
Dew Peint		3060	0280		4737		63.7				38		\Box	• 2	324.9			I		744
					<u> </u>								_							

S21 ...

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MA 64 0-26-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17914 BERGSTROM AFB TX 69-70,73-80 JUN
STATION STATION NAME VEARS PAGE 1 3000-0200 HOURS IL. 3. 7.0

Temp.						WET	BULB 1	PEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow Poin
-6/ 85									• 1								[1	1	}	
54/ 83			• 1		• 2	• 1	L											4	4	L	
82/ 81			2.4		• 6	j	• 2											40	40	1	
83/ 79		. 9	4.0		• 7	. 4	• 1										<u> </u>	103	103	2	<u> </u>
73/ 77		2.2	8.2		• 9										Ì		ŀ	146	146	45	8
76/ 75	• 6				. 9	• 1												181	181	100	74
74/ 73	. 4				• 3	- 4	• 1											137	137	195	111
72/ 71		1.9	5.1	1.7	. 7	-6	ļ										L	89	89	160	170
7./ 69	. 6				1.2	• 3	i I						' I	i	(İ	109	109	125	148
63/ 67	. 3		1.9	. 2	. 4	•1											Ļ	43	43	113	121
66/ 65	1	. 4	• 6	1 1]							j	j		ļ	13	13		107
64/ 63		. 4	.2	• 2	• 1												ļ	9	9	43	48
(2/ 61		1.2	• 3	.7	<u>'</u>	1	\											20	20		37
6C/ 59		. 3	• 2			ļ	ļ										 	5	5	19	22
13/ 57				!														!		10	18
56/ 55				<u> </u>													ļ			7	14
· 4/ 53		:												[ĺ		ĺ			İ	15
52/ 51		-		20 0	-												-		500	ļ	7
TAL	1.9	22.2	44.2	22.8	6.1	2.2	- 4		• 1								ļ	200	900		900
				<u> </u>														900		900	
İ																				ĺ	
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ļ												į		ł	l						
Element (X)	1	2 x *			2 1		Ļ	•.		No. Ob					Mara N	n -4 14		h Temperat			
Rel. Hum.			4962		743	9.2	82.6		. 7 -		00	101		32 F	# 67		73 F	- 80 F	- 93		Terel
Dry Bulb			2599		667		74.1				00	201	''	37 P	85		61.2	8.		-+-	90
War Buib			2598		633		70.3				00		+-		74	- 6	34.2		' 		90
Dew Point			2370		616		68.5				00				63		19.3		+		95
DES LOIUL		767	2 3 1 0		010	47	00.3	3 . 1	7 🛡		00				0.3	• 4	<u>. 7 6 3</u>	L			7.0

| Rel | Hum. | 6214962 | 74382 | 82.6 | 8.667 | 900 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0

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PSYCHROMETRIC SUMMARY

17974 BERGSTROM AFB TX
STATION STATION NAME JUN 69-70,73-80 PAGE 1 0300-0500

																					L. S. T.)
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow Po
14/ 83				• 2		l											1	2	2		l
62/ 81	_	l	• 9		• 3			$oxed{oxed}$		<u> </u>			Ĺ	i	ii		l	13	13		l
9 / 79		• 9	3.0	1.1										T				45	45		
75/ 77		2.9	8.3	1.2	• 3	ļ	• 1			1 1				ĺ	[]		ĺ	113	113	30	
75/ 75	. 4	7.0	9.0		• 2	• 3												174	174	91	5
74/ 73	1.2	8.1	8.3	.6		l				·					. 1		ŀ	164	164	168	12
72/ 71	.9		5.0	.4	• 1													96	96	181	17
7_/ 69	.7	5.3	5.1	.1	. 7	. 4											ļ	111	111	109	145
68/ 67		4.8	2.4	. 8	• 7	• 1												79	79	111	16
66/ 65	.6	1.7	1.9	.2	. 4	.				\ \			!		1		l	43	43	81	9
64/ 63		1.3	• 1	.6	• 2													50	20	36	6.
62/ 61		1.3	. 3	. 2		Į	Į į]		, ,				ļ			ļ	17	17	39	2
60/ 59		• 3		•1														11	11	17	
58/ 57	. 1	. 4	.4	- 1				} }		} }		١ ,		Į į))			10	10	21	20
56/ 55		• 2																2	2	11	15
54/ 53		í :				ĺ	1	i i	ı	!!				ļ			l	1		5	1 1
52/ 51																				· ·	-
5L/ 49				. !		[[ĺĺ		[]				i	1 1		ł	1		l	1 4
OTAL	3.9	38.6	45.3	8.2	3.0	.9	• 1												900		900
ļ						İ						1					ĺ	900		900	
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}				!										i '				}		1	
														<u> </u>							
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															1						
Element (X)		z _x ,			Z X	\perp	I	9,		No. Ob								h Tempere	ure		
tel. Hum.			3916		777		86.4				00	\$ 0 1	, ,	32 F	# 67		73 F	- 80 F	• 93	F	Tetel
ry Bulb			8468		651			4.8			00				79.		51.1		9		9
Wet Bulb			9773		626			4.9			00				69		28.9				9
Dew Paint		423	4040		613	12	68.1	5.5	00	91	00				61	• 3	18.8				Ģ



PSYCHROMETRIC SUMMARY

17904 BERGSTROM AFB TX 69-70,73-80 JUN

STATION STATION NAME YEARS
PAGE 1 2630-0880
HOURS (L. S. T.)

																					L. S. T.)
Temp.								EMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	» 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pe
°6/ 85						• 1							Ì				1	1	1		
4/ 83		ļ	•1	. 4		• 2				-								15	16		
2/ 81			• 4	2.2		• 1									-			40	40		l
° 1/ 79		-6				• 1	. 1										<u> </u>	106	106	1	
7:/ 77	• 3					- 3						i						145	145	36	13
76/ 75	• 9		8.3			• 2				-							<u> </u>	170	170	144	7
74/ 73	• 9		I	1.7	• 1	• 3												119	119	204	13
74/ 71	• 6			• 9		• 2		-		├ ──								91	91	161	20
7 // 69	• 3			. 4		• 3		1										84	84	92	13
ts/ 67	• 1	2.2		• 3			1	\longrightarrow		├ ──							<u> </u>	58	58	88	ŝ.
6/ 65	• 3		1.					1									ļ	28	28	65	8
64/ 63		.9		• 2			1 1	i		1								14	14	41	5
52/ 61		1.2	l .							j l								19	19	24	3:
: / 59		• 1	• 1	• 1						├ ─								3	3	25	2.
72 \57		•6	• 1					ŀ					ì	,				6	6	9	21
56/ 55										├								ļi		8	10
4/ 53												ľ					}		1	2	14
2/ 51						<u></u> .				-											
53/ 49								1		1							ĺ	1			0.0
GTAL	5 • 4	30.9	37.8	18.8	6.9	2.0	•2										ļ		900	000	900
]							l	900	ĺ	900	
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			_				 														
lement (X)		Z X'			Σχ		I	₹,		No. Ob								Temperat			
tel. Hum.			6911		755			8.91			00	± 0 (· •	32 F	e 67		73 F	- 80 F	• 93 f	•	Tetel
Dry Bulb			3523		666			5.01			00				83		59.7		1		9
Wet Bulb			9335		634			4.78			G0				72		38.5				ý
Dew Point		428	4892		619	14	68.8	5.33	191	9	00 1				65	. 4	21.9				9:

C FORM 0-26-5 (OLA) BEYISED MEYICUS EDITIONS OF THIS FORM A

USAFETAC FORM 0.26.5

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PSYCHROMETRIC SUMMARY

17904 STATION BERGSTROM AFB TX
STATION NAME

69-70,73-80

1900-1105

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31		Dry Bulb	Wet Bulb	Dew Pe
76/ 97											• 1							1	1		1
6/ 95						İ				•1			ll		l .			ī	1	ł	
93									• 2									2	2		†
27 91							• 2	1.1	. 4	.1		i						17	17	1	
70/ 89						. 4	1.0	2.1	.7									38	38		†
8/ 87					• 3	2.4	4.1	2.8	• 2		.1]		1	90	90	1	1
66/ 85				•2	2.3		3.6	• 8	. 8	• 1	• 1							158	158		
4/ 83			. 1	2.6	6.0	6.2	1.1	1.3	• 2		ļ	ļ	i 1				ţ	158	158		i
2/ 81			1.4	4.4	4.9	3.2	1.3	• 7	• 6	. 1							Ì	150	150		1
1 79		• 2	1.9	3.7	2.4	1.9	.8	• 1	• 2] ;			101	101	21	
78/ 77		• 6	. 4	1.6	1.3	1.1	. 4	• 3	. 4	•2								58	58	140	1
76/ 75		. 4	1.0	1.8	1.0	. 4	. 4	. 3	• 2	!]]		ļļ]	51	51	278	7
74/ 73	• 1		• 9	1.0	• 7	• 3	• 1	• 2										30	30	181	12
72/ 71		. 4	1.2	• 2		_ • 2	• 3								L l		<u> </u>	22	22	94	
70/ 69	. 4	• 3	• 3	• 2		• 1												13	13	80	1
67 67	• 2				• ?												L:	4	4	43	
6/ 65			• 2		• 1										ĺ			3	3	27	1 -
64/ 63			_ • 1												lacksquare			1	1	13	
62/ 61		• 2					}							i	,			2	2	14	
60/ 59							ļ										L		L	6	
53/ 57																				1	1
56/ 55		-					ļ								<u> </u>		—	ļ			1-1
54/ 53																	1			ĺ	1
52/ 51 51/ 49				L			l			L			ļ				-		——		1
48/ 47																	1			i	
CTAL	- 0	2.2	7 7	15 7	10 7	26 9	3 7 4	0 0	" 0	.7	. 3				 }		ļ		900		90
CIAL	• 0	2.2	' • '	1201	19.3	20.1	13.4	7.0	7.0	• 1	ر •							900	700	900	
													-		-		-	700	\vdash	7.0	┼──
																				l	
																					_
			-				_	-					 			_				<u>_</u>	}
																				L	
lement (X)		2 g'			Z X		X	₽ _R		No. Ob	_							Temperer			
lel. Hum.			4212		592		65.8				00	10	*	32 F	2 67		73 F	> 80 F	- 93 1		Total
Pry Bulb			2630		738		82.1				00		\dashv		89		85.5		_	• 4	'
For Bulb Daw Paint			8055		659		73.3				00		\dashv				62.0	•	'		 9
POINT		736	7801		622	7 4	69.2	3 . 1	V 4		00				71.	4	20.2				<u>`</u>

citation.

PSYCHROMETRIC SUMMARY

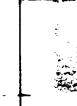
BERGSTROM AFB TX
STATION NAME

69-70,73-80

PAGE 1

1200-1400

Temp.											SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	. 30	* 31	D.B./W.B.	Ory Bulb	Wet Buib	Dew F
2/101													• 1					1	1		
0/ 99											• 1	. 3						4	4		
8/ 97								[• 2	•6	. 4						11	11		
6/ 95		1 1						• 1		2.1	1.1	• 2				1		38	38		
4/ 93							• 3	• 7	2.4	2.6	. 3	• 1						58	58		
2/ 91		1				. 6	1.4	3.8	5.7	1.7	. 9							126	126		
./ 89					• 1	2.0		7.6	5.0	1.7	•2	• 2						190	190		
8/ 87					• 6	2.2	5.9	5.1	1.4	. 7	.1	. 4						148	148		
6/ 85				• 1	1.2	3.3		• 9	1.1	• 8	• 4				T			99	99		
4/ 83			-1	. 4	1.0		1.4	2.1	.7	• 3	.2	. 2						73	73		
2/ 81				• 3	. 4	• 9	1.9	.7		. 4	• 4	• 3				- 1		49	49	15	
1 79]]	. 3	• 6	1.0	1.0	. 4		.3	. 1	.1	\ \ \		[]				35	35	77	
18/ 77		• 1		. 8	• 6	. 4			• 3									20	20	185	
6/ 75		• 1	. 6	• 2	• 1	• 1		.1										11	11	268	
74/ 73		. 3	• 2	• 1	• 1	• 2	• 1											10	10	111	
72/ 71		- 3	1.0	• 2			l		L									14	14	98	1
13/ 69	• 1	• 3	• 2															6	6	71	2
67 67		• 2	. 1						l .						L			3.	3	30	1
6/ 65																1				17	
4/ 63		• 2	• 1															3	3	15	
2/ 61		• 1														3		1	1	12	
u/ 59														<u> </u>		1				1	
8/ 57										Ĭ]	
6/ 55									L												
4/ 53		1						}								ĺ					
52/ 51																					
50/ 49															ľ						
18/ 47																	,				
16/ 45			'													- [ļ		
TAL	. 1	1.8	2.7	2 . 8	5.1	12.3	19.0	21.0	17.7	10.6	4.6	2.3	- 1						900		9
			- 1									1				- 1		900		900	
		-												\vdash							
	_	لبا									Ĺ										
lement (X)		2×1			ZX	•	<u>X</u>	·,		No. Ol								Temperet		-	•
el. Hum.			8757 6894		493 784			11.8 5.6			00	201	` 	32 F	≥ 67 F		73 F	- 80 F 82 - 1	- 93 f		Tetal
ry Bulb			5648		668	1		3.9			00		+-		85.		55.6		***	<u>, - </u>	
			3523		616			5.3			00		+		67.		6.4		,——		
ew Point		767	2263		010	<u> </u>	0000	203	01	_	ŲŲ		L_		010	• •			1		



PSYCHROMETRIC SUMMARY

13994 STATION BERGSTROM AFB TX
STATION NAME

69-70,73-85

JUN

Temp.			•			WET	BULA .	TEMPER	ATURE	DEPRI	SSION	F)	_					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dow P
4/103													• 1	• 1	• 1			3	3		
~2/101		1			İ					i			.2	• 3		l		5	5		
"G/ 99											• 3	1.0	.6					17	17		
28/ 97		ł			\	·		}	- 1	. 4	1.6	.6	• 1	1	i	j	1	25	25		1
6/ 95		T						• 4	1.0	1.7	2.0	. 4		1	<u> </u>			50	50		
94/ 93		ļ					. 1	.9	3.6	3.8	2.1	.1				ł	ŀ	95	95		
72/ 91						. 3	1.3	3.7	6.0	5.8	2.2	. 1						175	175		
93/ 89		{			• 1	2.2	3.3	6.0	4 . 8	1.7	.2	.4	.1	1	!	[1	170	170		}
87					.4	1.6	3.0	3.1	1.2	• 9	• 2	. 4	• 3					101	101		
6/ 85		1			• 2	.7	1.8	2.3	1.3	1.9	.1	.6	.1			ĺ	ł	81	81		
4/ 83				• 2	• 7	. 8	1.6	1.6	.7	• 2	.6	.7						62	62		
2/ 81			• 1	. 6	- 8	1.0	1.3	.4		.6				<u> </u>				43	43	21	
35/ 79				. 4	1.0		• 2			• 2								20	20	86	
73/ 77		L	_ 3	. 7	• 1	• 1			• 1	1 .					1			12	12	161	
70/ 75		• 1	•1	• 1	• 3		• 1											7	7	242	
74/ 73			•6	. 2		i			{		l .			[ļ			7	7	161	
72/ 71	• 3	1.0	• 2	• 2	• 1													17	17	88	1
70/ 69			4				L			L					I1			4	4	65	1
68/ 67	• 1		• 1	• 1										I				3	3	30	1
66/ 65									L	i	L									18	1
64/ 63																				18	
62/ 61		• 2												l				2	2	7	
64/ 59		• 1								I								1	1	. 3	
58/ 57														L							
56/ 55																					
E4/ 53										L	_										
52/ 51																					
56/ 49																					
48/ 47		· '	\																		
46/ 45								<u></u>						<u> </u>							
OTAL	. 4	1.4	1.9	2.6	3.8	7.0	12.8	18.4	18.8	17.1	9.3	4.3	1.6	• 4	• 1				900		9
_		-																900		900	
lement (X)	_	Z _X ,	<u> </u>		Z z		¥		Ц	No. Ol					44	4 - 4 11		h Temperet			
el. Hum.			9827		462	71		12.5	21		00	201		1 32 F	2 67		73 F	= 80 F	2 93 1		Total
bry Bulb			6297		797			5.9			00	2 0 1	-	- 34 F	89		/3 / 87 • 3				
Het Bulb			4875		668			3.9			60				85	_	67.1	5.		-	
Dew Point			9118		609			5.5			00				_ 5		14.2		<u> </u>		

USAFETAC



- ... ·

PSYCHROMETRIC SUMMARY

69-70,73-80 BERGSTROM AFB TX JUN STATION MONTH 1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Paint 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 2/101 • 1 0/ 99 97 97 • 7 • 2 9 9 • 1 96/ 95 . 4 . 1 9 9 .2 1.0 2.0 34 34 14/ 93 • 6 1.7 2.7 92/ 91 60 60 · ./ 89 • 7 1.6 4.0 3.2 95 95 48/ 87 4.0 4.0 126 126 :6/ 85 • 3 1.9 4.6 4.8 2.4 1.0 • 3 . 1 144 144 - 4/ 83 1.7 117 2.7 2.9 2.4 . 4 117 • 8 1.1 • 7 2.4 . 3 42/ 81 1.7 1.4 1 • 8 1.1 • 2 88 88 87 87 ê./ 79 1.8 2.3 2.6 1.3 3 **3** • 6 • 9 130 73/ 77 . 8 . 4 40 40 18 1.3 . 4 76/ 75 32 32 222 44 74/ 73 22 22 103 . 6 1.3 • 2 • 2 81 13 109 134 72/ 71 99 176 7../ 69 • 2 12 12 54 164 63/ 67 66/ 65 21 151 64/ 63 52 18 13 49 €2/ 61 17 63/ 59 • 3 63/ 57 24 56/ 55 54/ 53 52/ 51 50/ 49 48/ 47 46/ 45 1 4.9 7.2 11.7 16.1 16.7 16.3 12.1 7.0 3.6 ي ي 9 TOTAL 900 900 900 No. Obe. Mean No. of Hours with Temperature Element (X) 3276086 52900 58.813.619 900 = 67 F = 73 F = 80 F Rel. Hum. 10F ≤ 32 F • 93 F 84.4 5.855 73.1 3.968 75957 900 89.7 86.8 73.4 6441337 Dry Bulb 4828817 65827 84.3 58.1 Wet Bulb 61.9 14.5 900 60980 67.8 5.475 Dew Point 4158684

USAFETAC



PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX
STATION STATION NAME

69-70,73-86

JUN

Temp.						WET	BULB '	TEMPER.	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24 25	5 - 26	27 - 28 2	9 - 30	× 31	D.8./W.B.	Dry Bulb		Dow
92/ 91]						• 1									3	3		
°./ 89							• .2	. 3	. 1]						6	6		
°8/ 87						. 4	3.	• 3	• 1									15	15		
6/ 85					• 9	2.3	1.4	• 1				}		1				43	43		
F4/ 83			. 4	1.6		2.7	.9											79	79		
22/ 81		• 2	2.1	3.4	5.6		• 9	. 1	• 1			<u> </u>						139	139		
F // 79		. 7	3.9			2.4	• 2	• 3		• 1								161	161	8	
78/ 77		1.8	3.1			1.4	• 6			<u></u>								124	124	73	
76/ 75		1.9	3.1	3.4	3.3	- 8	• 6		• 1	1 1] [Ì	I				120	120	158	
74/ 73		.9		3.4	. 8	• 3		• 2		igsquare		<u> </u>						87	67	200	
72/ 71	• 3	1 1	2.4	• 8	• 4	• 2				}		1 1		1	T			57	57	150	1
7-1 69		1.2	1.7	• 2	• 8	• 2	• 3			oxdot								40	40	124	1
£8/ 67		.8	• 6		• 2	• 1		ļ						1				15	15	84	1
66/ 65		• 1		. 4						$oxed{oxed}$								5	5	5 U	1
64/ 63		• 1	• 1												1			2	5	16	
€2/ 61		• 1		• 1								 						2	2	17	
50/ 59		• 2								l i]				I		2	2	17	
50/ 57		↓		L						igspace		\longmapsto								3	L
56/ 55															ļ						
4/ 53								 		├		\vdash									<u> </u>
52/ 51												1 1		1	1						
50/ 49		9.7	20.0	2 7 0	22 0	1/4 0	4 0	 		├ ── ┋		 							900		<u>_</u> _
I A L	• 3	1 7 • 1	20.9	23.0	44.0	14.U	0.7	1.0	• 6	• 3				- 1	ĺ	- [900	900	9:0	5
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		1								 		├		-+		\dashv					<u> </u>
														- 1		ļ				[
										 		+	-+	\dashv		-+				-	
													1	- 1	}	i			-	ļ	
												 		-+			-				_
									-					$\neg \dagger$			$\neg \neg$				
Element (X)		Z _X ,			E X		Ī		T	No. Ob	. 1				Mass Ma	ad 14a		Temperat			
Rel. Hum.			0856		661	10		11.29	6		20	± 0 F	1 32	, # T	± 67 F	_	73 F	> 80 F	1 93 1	: 1 ,	Tetal
Dry Bulb		548	7245		701	39	77.0	4.85	<u> </u>		00	V F	34	• F	38.		77.7	36.8		+	
Wet Bulb			2243		644			4.16			00		-	-+	79.		3.9	3000	+	-	
Dew Point			8198		616			5.14		9				+	64 •		9.2		+	+	

PSYCHROMETRIC SUMMAI

BERGSTROM AFB TX
STATION NAME 69-70,73-80 PAGE 1 ALL

Temp.								TEMPE										TOTAL	_	TOTAL	
<u>(F)</u>	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.B.	Dry Bulb	Wet Bull	Dev
4/103					1					Ţ -			• 0	• 0	• C			3	3	T	1
2/101						<u> </u>	l	L	l	Í		ļ	• 1	∪	1	L	Ĺ	7	7	l	
0/ 99]	Ţ		Γ	I -					• 1	• 2	• 1	1				25	25		
98 <u>/</u> 97		1	<u>L</u>	i.	i	l		<u> </u>	<u>•</u> "	.1	. 4	• 2	•0	ŀ	1	_		46	46	<u> </u>	1
6/ 95								• 1	• 2	• 5	• 4	• 1		[_				98	98	4	
14/ 93			L		L	L	• 1	• 2	• 9		. 4	• 0		<u> </u>				189	189	L	
01/ 91			1			• 1	• 4	I	1	1.2	- 4	• 0		1				381	381	1	
· / 89		<u> </u>	<u> </u>	L		. 6	1.3	2.5			• 1	.1	• 0		L		L	499	499		┵
18/ 87		}	ł	•0	• 3		2 • 2	1.9	• 6		. 1	. 1	•0	1			}	480	480		1
6/ 85		<u> </u>		• 1	_ <u>.</u> 5			8.	• 5		1	. 1	•0	1				527	527		<u> </u>
°4/ 83		-	• 2	1	1	1.8	.9	8.	• 3	i	• 1	• 2		[[Į	ļ	511	511	1	Į
- 2/ 81		1 .0				1.3	• 9	• 4	• 1	• 2	• 1	•0		↓			<u> </u>	562	562		_
8 7 79		. 4		1			• 4		. 1	• 1	•0							658	658	,	
7:/ 77	•	1.6		2.1	1.1	• 5	• 2	• 1	• 2	• ^				<u> </u>				658	658		
75	• 2			1				• 1	• 1	!			!					746	746		
4/ 73							• 1	• 1	<u> </u>	ļ				↓				576	5 76		
72/ 71	• 3	1			1	1]]	1								399	399		1 -
7./ 69		+		• 3			_• 1		├	<u> </u>				_				379	379		
63/ 67	• 1	Į.	l .	1	1	0		ļ	}	}				1				209	209	1	
6/ 65	<u>• 1</u>								ļ					├				92	92	343	
64/ 63		. 4														i		49	49		
2/ 51		•6		• 2				 	├				,	├				63 25	63 25		
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5./ 49		Ì	1	ì	i	1)	ļ]							
5/ 47			-	 	+									 						 	┿
40/ 45		1		ļ.	1	<u> </u>		ļ				-					i	1	l	1	
CTAL	1.4	13.7	20.7	12.6	9.8	10.1	8.7	8 - 4	6.7	4.5	2.2	1.0	• 3	•1	0.0				7200	 	7
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																					Ť
Element (X)		Ž _X ,		 	Z ₁	<u> </u>	¥	•		No. Ob	<u> </u>				Mean I	la, at H	wrs wid	h Tempere	ture		
Rel. Hum.		3740	5527		5014	89	69.7	16.9	8 2	72		20		32 F	≥ 67		73 F	- 80 F	* 93	F	Tet
Dry Bulb			8993		5766			7.9		72								364.			
Wet Bulb		3763	1274		5194	48	72.1	4.6	46	72	00		_		634	.2 3	98.3	11.	5		
Dew Point	-	3386	8626		4923	10	68.4	5.3	52	72	00		\dashv		516	.7 1	44.5		1		

-**7** -7 32 45

PSYCHROMETRIC SUMA

1 9:4 SEPGSTROM AFB TX
STATION STATION NAME

69-70,73-80

PAGE 1

Temp.			-			WET	BULB '	TEMPER	ATURE	DEPRE	SSION	(F)							TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18			2 23	- 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	
87 /ه							• 2	• 1											3	3	
6/ 85			L			. 4	_ • 3	• 3				<u> </u>	.						10		
7/ 83		1		• 3		2.9	1.1	. 4				T	Т				- I		52	52	
52 / 81			8.	1.9	5.6	3 • 3	1.2	. 4						- 1			l		123	123	
. / 79		1.0		6.3		1.4	• 5	• 1					T						172	172	
7:/ 77	• 2	1.4	7.0	9.0	3.2	1.2	. 4		<u> </u>]				209		
75/ 75			1C.1		1.5					J	T		T						196	196	
~4/ 73		3.0	6.5	3.1		• 1	_			<u>1</u>		<u> </u>	Ш.						118	118	
72/ 71		2.3	1.7	. 8						ĺ									44	44	
7 1 69			• 1		• 1						<u>j</u>								2	2	16
00/ 67				• 1															1	1	3
6/ 65										l			<u>.</u>						<u> </u>	L	<u> </u>
4/ 63												Ī	1	7				Ţ	}	I	
52 / 61			<u></u>							<u> </u>								L	<u> </u>		1
/ 59																				Ī	
S5/ 57										<u> </u>			1								<u> </u>
TAL	• 2	11.1	30.1	27.6	16.5	9.4	3.8	1 • 4				ľ								930	
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		+			•		16.7	9.9	24		3 ^	2 (F	,	32 F	* 67		73 F	- 80 F		F
			•-		• :	11	**.6	1.2			3					93			27.	4	
						7 🕶	•	1	1 7		3~					97		45.4			
					• '	_	٠ · ٠	Y.	1 8	9	3					9.0	.5	13.1			

BERGSTROM AFB TX

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

34.5

92.8 80.4

79.4 13.5

91.1

≥ 67 F = /3 F = 80 F = 93 F

5.4

Q 7

3300-05UL HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 e 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) - 4/ 83 2/ 81 23 72 . 8 72 / 79 .4 1.9 2.7 1.9 2.3 77 3.0 8.3 7.4 . 9 • 3 211 211 75 275 3: 275 7.513.3 5.6 2. 61 .3 8.710.6 91 4/ 73 3.5 220 220 264 71 5.4 4.1 1.3 102 102 286 236 193 20 20 257 87 166 hu/ 67 • 1 • 1 13 83 6/ 65 - 4/ 63 3/ 61 5.9 3/ 57 930 93. TAL 1.226.039.621.1 8.2 3.4 930 975

No. Obs.

930

930

930

930

0 F

≤ 32 F

69-70,73-89

POINT D. 26-5 (OLA) BEVISED MEMOUS EDITIONS OF THIS FOR

SAFETAC NOTE 0.26-5 (OLA)

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

6407410

5287216

4763376

4518277

76780

70080

66518

64757

82.6 8.588

75.4 2.614

71.5 2.476

69.6 3.142

PSYCHROMETRIC SUMMARY

17974 BERGSTROM AFB TX

69-70,73-80

PAGE 1

0600**-**0800

Temp.										E DEPRE								TOTAL	<u></u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10				17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	▶ 31	D.S./W.S.		Wet Bulk	Dow P
-6/ 87			ļ .		,	·	• 1			ļ '			, 1		1			2			T
6/ 85		L'	<u> </u>	<u> </u>	• 1					⊥'	لـــــا	لـــــا	!	11		'	<u> </u>	5			<u> </u>
4/ 83		<u> </u>	• 2		2.5				, [, T	$\overline{\Box}$	ĩ J	,		ī J	,	ſ '	43			Ī
./ 81			1.1					• 2		<u>↓'</u>	LJ		<u></u> !			<u>'</u> ــــــــــــــــــــــــــــــــــــ	<u> </u>	93			
/ 70		• 5			2.7		1 1			, T	$\overline{\Box}$)	\cap $+$		Γ	i J	,	['	132	_		
7 :/ 77			8.5			• 6				↓ '	لــــا	igspace	ل	1	4	<u> </u>	↓'	198			
1 75	• 5		11.7					1		'	(-1)	1	$\epsilon = 1$	Ĺ	<i>i</i> 1	i '	1 '	215			
4/ 73	. 4	6.1	6.6	2.0		• 2	↓ '	 	↓	↓ '	$oldsymbol{\sqcup}$	4		4		<u>'</u>	↓′	143			
71	• 2				•1	1	1 '	1		, i	1 1	1 }	, 1	1 1	1	<i>i</i> '	'	€ 2			
7 / 69		8.	1.1		 '	igspace	——'	 	↓	↓ /	igcup			—			↓′	17		1	
/ 67		1	• 1	• 1	1 '	1	1 '	1		1	1	1	()	1	ı J	i '	'	2	2		
5/ 65			+	 '			 /	 	↓	↓/		\longleftrightarrow			₩	 '	+ '	\longleftarrow	₩.	12	
4/ 63				'	1	1	1	1		1	()	1	, 1		1	, ,	'	1	1 ,		
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TAL		 	126.6	H - C E	1 2 C	1 2 7	1 - 4	.6		↓				+		<u>_</u>	 '	+	930	.+	93
IPL	. • to	Z 1 • 1	30.0	K	14.04	3.1	1	• •		1	(-1)	()	, 1	1	1	, ,	1	930	1 - 1	932	
+		+			\vdash			+		 	\longrightarrow		,——	\longrightarrow		<i>_</i>		+	$\overline{}$		+
				1	,	1	1 '	1		1	(-1)	1 }	, ,		<i>i</i>	, '	1 '	[]	1 '	1	
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Wet Bulb			39192		673		72.5				30				91.		50.3				
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USAFETAC 1084 0.26-5 (OLA) anser remous tentons





PSYCHROMETRIC SUMMARY

STATION		PCST		5	TATION N	AME				_	70,7	• •		YE	ARS					M	UL
																	1	PAGE	1	HOURS	-1100
Temp.					_	WET	BULB	TEMPE	RATURE	DEPR	ESSION	(F)					TO	TAL		TOTAL	
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Dew Paint		462	1691		654			3.1		9	30				82.	6 23	• 5		T		93

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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69-70,73-87 STATION NAME 12.6-14.0 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.S./W.S. Dry Sulb Wer Sulb Dew Point (F) 5/105 1 1 • 1 4/183 • 3 • 2 8 8 2/101 • 1 . 2 C/ 99 . 1 . 9 • 2 18 18 • 3 97 3.5 • 2 .4 2.3 2.0 • 9 • 1 88 88 3.5 5.1 3.2 133 133 1.0 -+/ 93 1.7 4.1 6.1 3.8 154 154 • 4.5 4.1 163 163 1 91 7.3 8 9 3.8 • 5 148 148 6.6 4.3 2.9 . 9 78 78 8/ 87 1.2 3.2 . 1 1.6 6/ 35 1.8 1.2 51 51 . 6 19 19 16 • 4 • 6 . 8 1 21 7-1 77 • 1 • 5 10 70/ 75 . 2 . 9 14 14 360 • 1 74/ 73 4 184 2/ 71 57 131 69 13 214 65/ 67 · 6/ 65 1.6 :4/ 63 46 - 2/ 51 41 1 / 59 5/ 57 56/ 55 2.6 4.810.417.418.615.112.0 8.0 4.1 1.4 930 TITAL 930 934 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 2373144 45714 49.211.650 930 10F 1 32 F = 67 F = 73 F = 80 F = 93 F 930 93.0 92.8 88.5 40.3 Dry Bulb 7749724 84756 91.1 5.234 93 92.7 Wet Bulb 5320564 70310 75.6 2.315 930 85.4 3.6 9: 930 Dew Point 4417911 93

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USAFETAC NOW 0.26-5 (OLA)

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PSYCHROMETRIC SUMMARY

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for Bulb			8975		699		75.3			9	29				93		82.5				5 5
Dew Point			2861		627		67.5				29		-+-		59		8.7				93
													_								خصب

69-70,73-8

PSYCHROMETRIC SUMMARY

STATION BERGSTROM AFB TX 69-70,73-80 STATION NAME 16 30-2000 PAGE 1 HOURS IL. S. T.I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 0 31 0.8/W.8. Dry Buils Wet Buils Dow Point 11.17 . 3 6 • 3 6 J/ 99 • 3 17 17 97 .0/ -3 1-3 1-4 1-6 1.C • 3 5 5 55 6/ 95 1.4 2.2 3.3 74 74 . 8 • Z 74/ 93 .3 1.5 2.7 3.2 1.8 • 5 94 94 / 91 2.8 3.2 5.7 1.3 128 128 89 1.3 4.0 4.3 2.2 . 5 125 127 8/ 87 3.9 3.2 1.7 98 1.1 98 6/ 85 3.1 3.6 2.7 • 3 47 83 2.2 2.0 ./ 81 .6 1.0 59 2.8 59 / 79 1.3 1.2 1.0 4 O 40 • 1 7:1 77 . 4 1.4 1.1 28 28 1 ! 6 16/ 75 2.0 1.1 252 31 31 14/ 73 15 298 -2/ 71 131 150 3 1 69 55/ 67 217 16/ 65 -4/ 63 ./ 61 ./ 59 ' 5/ 57 56/ 55 4/ 53 TOTAL <u>.9 4.2 5.6 6.010.411.314.111.313.1 8.6 7.3 3.7 1.9 1.0 </u> 927 Element (X) Mean No. of Hours with Temperature 52.314.535 Rel. Hum. 2735513 48523 927 +67 F +73 F +80 F +93 F 93 -0 92 -7 83 -4 24 -105 1 32 F 7259272 88.3 6.249 Dry Bulb 81828 Wet Bulb 5130557 68729 74.1 2.300 927 92.7 70.5

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PSYCHROMETRIC SUMMARY

BERGSTHOM AFB TX 69-70,73-80 STATION PAGE 1 21 9-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 16 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | • 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point • 1 2 / 91 15 15 .5 1.8 1.5 • 5 49 / 89 • 5 49 2.2 4.4 1.8 ٥2 0/ 87 . 8 . 2 92 6/ 35 4.0 4.9 2.6 1.2 129 129

3.7 118 118 4.1 2.4 1.4 ./ P! 4.0 136 136 3.2 4.1 1.4 • ì 5. 4 7.2 2.2 148 148 7:1 77 3.3 57 3.5 4.5 113 113 • 1 2.2 2.7 62 62 172 1.3 3.0 48 48 337 15 155 7. / 71 21. .5; 1.7 . / 69 170 235 22 227 5/ 67 103 0/ 35 4/ 63 ./ 51 1 59 1 57 8 2.612.316.222.215.611.710.5 5.7 2.2 927 927 TAL Element (X) +67 F +73 F +80 F +93 F 66.212.375 927 Rel. Hum. 4204277 61367 2 0 F s 32 F

93.0 91.5 927 Dry Bulb 6215022 75784 81.8 4.593 57.3 67695 92.6 93 4948649 73.0 2.361 927 Wer Bulb 4415408 63904 75.1 Dew Point

0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 13934 BERGSTROM AFB TX

PSYCHROMETRIC SUMMARY

3974 STATION	<u> </u>		011	\$'	TATION N	AME				<u>,, ,</u>	70,7	<u> </u>		YE	ARS						UL MTH
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Het Bulb			9773		<u>5475</u>			2.8		74					738					• 3	74
Dow Point			4778		5138			3.6		74			+-		593						70
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PSYCHROMETRIC SUMMARY

17974 BERGSTROM AFB TX
STATION STATION NAME

69,72-80

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PAGE 1

3000-6200

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pe
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2/ 81				1.8				i i]	1					ľ	İ	73	73]
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8/ 77				9.1		• 5	1	[]		{	- 1	-						237	237	22	
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PSYCHROMETRIC SUMMARY

17904 BERGSTROM AFB TX
STATION STATION NAME 69,72-80 YEARS PAGE 1

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	a 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point
° 4/ 81			.1	.5		• 1		-		T-		-						19	19		
9 / 79		- 5	1.5							1								76	76	1	
78/ 77		4.5	7.5			•1												167	167	12	1
76/ 75	1.2		12.8		9			!										282	282	133	58
74/ 73		9.4	7.2						-	 	-							200	200	265	
72/ 71	1.5		5.2			"-	ŀ		İ						1 1			127	127	268	
7./ 69	•6		1.6		-		t —		_	1								43	43	172	
53/ 67	• 2			-	• 1	ŀ				1]			i i			10	10	76	
56/ 65	• 1		.3	•2		 	 		<u> </u>									6	6	26	72
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Rel. Hum.			3041		788	31	84.8				3 C	10		32 F	# 67		73 F	> 00 P	- 93	F	Total
Dry Bulb			7516		696	74	74.9	2.A	71		30		-		92		74.4				93
Wer Bulb			856		666		71.6				30		_		89		38.0				93
Dew Point			6450		651		70.0				30 i		-+-		81		16.9		+	-+	73
JEW 7 9181		775	UCFU	1	621	U 4	7 4 6 6	ᆫᆛᅄᄮ	76		ں وہ		1		1 0 4		7				7.7



PSYCHROMETRIC SUMMARY

	IAME		YEARS		MONTH
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	WET BULB TEMPERATURE	DEPRESSION (F)		TOTAL TOTA	
1 - 2 3 - 4 5 - 6 7 - 8	9 - 10 11 - 12 13 - 14 15 - 16	17 - 18 19 - 20 21 - 22 23 - 24 25 -	- 26 27 - 28 29 - 30 - 31 D.	.B./W.B. Dry Bulb Wet Bu	Ib Dew P
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AR 64 0-26-5 (OL A) BEVISE REVIOUS SOTIONS OF THIS TORM ARE

JSAFETAC 10811 D.

PSYCHROMETRIC SUMMARY

SERGSTROM AFB TX 69,72-80 AUC STATION NAME MONTH PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11-12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 5/ 97 • 1 • 1 6/ 95 5 13 13 • 2 4/ 93 • 3 • 6 • 1 ~ / 91 1.1 2.4 • 8 • 1 / 89 5.7 1.3 • 2 103 103 8.1 3/ 87 1.1 3.0 4.8 1.0 168 168 . 1 95 • 3 2.311.2 3.8 • 3 169 169 6/ 8.3 4.7 2.6 166 166 1.3 / 51 • 2 1.4 4.1 4.4 1.3 112 112 8 • 6 71 47 1 79 71 3.3 1.9 1. 7 1 77 40 40 190 2.0 1.0 أذ . 8 • 5 ~o/ 75 _. 9 19 19 424 75 . 1 174 14/ 73 26 16 . 8 16 _/ 71 253 29 215 / 69 1 0/ 67 c 3 34 : 6/ 65 4/ 53 - 2/ 6: J/ 59 TAL .1 3.3 5.6 11.117.422.416.612.8 5.2 1.8 930 Element (X) No. Obs. Meen No. of Hours with Temperature Rel. Hum. 930 ≥ 67 F = 73 F ■ 80 F + 93 F 4J74910 65.211.640 1 32 F 60602 2 0 F 80.7 \$: 84.6 4.338 75.3 2.219 71.3 3.024 93.0 2.0 6679056 78710 930 92.4 Dry Bulb 2.2 936 92.9 84.4 Ç Z 5282428 73060 Wet Bulb 4736613 66311 57.7 32.C . 4 9.3 Dew Point

1 COM 0-26-5 (OLA) NEVINE PREVIOUS ENTIONS OF THIS FOLM ARE CALCUES

SAFETAC NOW OF

PSYCHROMETRIC SUMMA

1 : 4 DERGSTROM AFB TX
STATION STATION NAME

69,73-83

AUG

PAGE 1 1

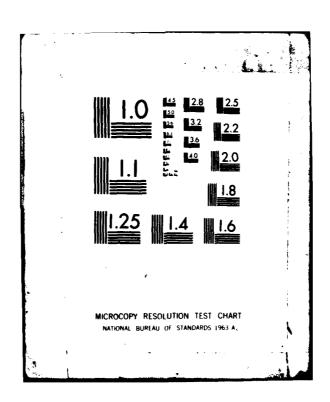
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Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22		25 - 26	27 - 28	29 - 30	= 3i	D.B./W.B.		Wet Bulb !
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14/ 93								1.3					• 1					167	167	
- 1 91							1.3			5.2	1.0	Ĺ		L	<u> </u>	↓	<u> </u>	2 1	231	
/ 89			1		• 1	• 6		7.8				i -					ĺ	173	173	
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73/ 75		**	• 6	• 1		ļ	-		 	 		 			-	 		8		120
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Element (X)		Zx'	Zx			¥	-		No. Obs.		<u> </u>			Mean No. of Hours will			th Temperature		<u> </u>	
Rel. Hum.	2526421				47				9	3ก	± 0	F	32 F		7 F *	73 F	- 80 F	• 93	F 7.	
Dry Bulb			6222		842		90.6				30							EE.	91 14	7-4
Wet Builb		534	4759		704		75.8	2.2	JO		30						35.8		ক*	•
Dew Point		448	7753		645	25	69.4	3.4	25	9	30				77	•2	14.9			_ •

FORM 0.26-5 (OL.A) INVISE REVIOUS EDITIONS OF THIS FORM ARE DISCUEIT

USAFETAC rosm 0.26.

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 BERGSTROM AFB. AUSTIN. TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U) AD-A110 243 AUG 81 USAFETAC/DS-81/088 UNCLASSIFIED SBI-AD-E850 126 NL 5 - 5 END 3 82



PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME AUG 69,72-80 PAGE 1 1500-1700

																			HOURS (L. S. T.)
Temp.						WET	BULB 1	TEMPER	RATURE	DEPR	SSION	F)					TOTAL		TOTAL	
(F) [. 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow Poi
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28/ 97		1							 	• 2		5.8	2.5	•6			102	102		
06/ 95					l .	!		.4	.2	4.7		4.2	.5		1 1		167	167		
94/ 93						- -		.8					•1			T T	171	171		<u> </u>
62/ 91		1			[1	.6	l	1				.1	1	1	1	136	136		1
90/ 89		 				• 3					•—			1			105	105		
48/ 87						1.1	1.8					•••		i			57	57		
³ 6/ 85	_			•1	. 4	1.6								 			29	29		
-4/ 83				. 5	1.2	.6	_	• 1	••	Į.		l					25	25		
2/ 81			• 5	1.6		• 5	•2		 	 		 	 	 	 	\rightarrow	32	32	8	
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74/ 73		• 3	• 3	- 1	 -			├		 	_	 	 		 	$\overline{}$	7	7	171	68
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Element (X)		Żχ'			z x		X	- FA		No. OI	.]	<u>. </u>		L	Mean No.	of Hours wi	m Temperet	uro		<u> </u>
Ret. Hum.		224	1559		440	21	47.3	13.0	35	9	30	⊴ 0		32 F	≥ 67 F	■ 73 F	- 80 F	- 93		Total
Dry Bulb			9051		853	91	91.8	5.5	48	9	30				93.0	92.6	89.3	49	8	93
Wet Bulb		529	0759		701	15	75.4	2.2	29	9	30				93.0		1.8	3]		93
Dew Point		477	2136		633	74	68.1	1.0	22		30				65 .!	10.7	71	T		43

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION BERGSTROM AFB TX
STATION NAME

69,72-80

STATION				•	, w. 1044 M	-me									LARD						M 1 M
																		PAGE	<u>.</u> 1	1800	- 2001
Temp.							BULB									_		TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Pe
4/103									1	[• 1			1	1		
2/101					<u> </u>		<u> </u>				L	<u> </u>	• 1	• 1			L	2	2		<u>l </u>
"C/ 99												• 2	. 4	• 3				9	9	1	
68/ 97							<u> </u>		L	• 1	.5	. 9	. 9		• 1			24	24		<u> </u>
96/ 95			Ì		ľ		ĺ	_	• 1				• 3	.1	i l		[44	44		1
4/ 93					L	<u> </u>	<u> </u>	• 3			2.6				├		<u> </u>	77	77		
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98/ 87				<u> </u>	 ,	• 1	1.5			. 9		.2		 	\vdash		├	118	118	 	—-
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4/ 83			• 1	1.1				2.5			•1			 			\vdash	104	104	├──	
P2/ 81		.1	• 5											1				61	61	4	
4/ 79		• 3						• 1		 	 		<u> </u>	 			 	57	57	17	
76/ 77		• •	1.2			ŧ .		••	İ								1	41	41	115	1
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7_/ 69								<u> </u>	1		L	L		<u></u>	<u>i </u>			<u></u>		46	
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OTAL		1.7	4-6	7.5	9.0	11.7	11.9	16.7	11.7	11.6	6.5	4 - 1	1.0	.6	•2		<u> </u>		930		93
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lement (X)		Σ _χ '				Щ.	¥	•		No. Ot	9.]			l	Mean N	lo. of Hi	ws wid	Temperat		<u> </u>	<u> </u>
el. Hum.			8632		520		55.9				30	101	,	32 F	a 67		73 F	→ 80 F	• 93		Total
ry Bulb			1328		808		86.9				30				93		92.2		5 15	.7	9
Vet Buib			7608		690		74.3				30				92		75.3		7		9
Dew Point		437	8389		637	13	68.5	3.8	1 Z	9	30		\neg		68	. 21	11.5			Į.	9

BERGSTROM AFB TX

13904

PSYCHROMETRIC SUMMARY

STATION 2100-2300 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 ¢6/ 95 • 1 94/ 93 92/ 91 3 3 9./ 89 15 15 48/ 87 1.0 1.7 1.1 •1 38 38 **%6/85** 4.0 3.5 1.3 90 90 • 6 84/ 83 5.4 6.3 3.4 154 154 °2/ 81 4.0 158 158 3.1 - 3/ 79 . 8 165 . • 1 165 75/ 77 5.4 142 142 4 . 8 33 75/ 3.3 • 3 • 1 99 99 75 2.8 2.4 1.7 218 26 74/ 73 2.2 45 45 1.4 342 108 256 72/ 71 1.0 15 15 211 • 3 74/ 69 83 230 28 151 66/ 67 8 87 06/ 65 64/ 63 3 38 42/ 61 17 60/ 59 58/ 57 56/ 55 54/ 53 TOTAL .1 8.313.818.322.019.110.6 4.5 2.3 930 930 930 Element (X) No. Obs. Mean He, of Hours with Temperature 70.211.977 65299 930 ±67 F = 73 F = 80 F Rel. Hum. 4718177 2 0 F Dry Bulb 6034493 74819 930 93.0 91.1 93 93 930 91.7 59.5 Wet Bulb 4961273 67891 73.0 2.356 4504482 64652 69.5 3.279 14.0 93 Dew Point

69,72-80

AND 64 0-26-5 (OLA) REVISED REVIOUS EQUIDORS OF THIS FOR

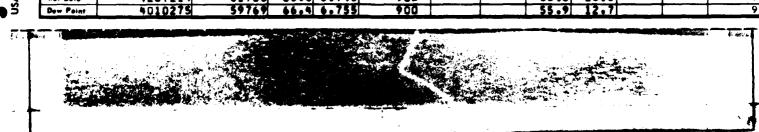
SAFETAC NOW 0-26-5 (OL

PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX 69,72-80 AUG STATION NAME PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 6/105 • 0 1 4/103 ~2/101 • 1 •0 12 12 .0 0/ 99 . 2 .0 72 72 98/ 97 174 174 96/ 95 1.2 1.8 1.0 320 320 .0 • 3 04/ 93 • 0 1.5 2.3 429 429 92/ 91 2.5 1.8 . 0 .0 484 484 • 3 1.3 93/ 89 .3 1.1 2.8 1.8 • 2 516 516 . 2 88/ 87 . 2 . 8 • 7 497 497 2.6 2.2 •0 • 1 • 1 96/ 85 3.0 • 6 • 3 • 1 457 457 . 1 . 5 1.5 • 0 . 9 •0 E4/ 83 . 8 2.6 2.0 503 503 . 4 • 6 . 4 • 1 520 52/ 81 . 1 2.0 2.7 1.1 • 0 520 33 2.3 79 . 4 4.0 1.9 . 8 . 1 . 0 716 716 171 10 1.9 3.4 821 905 701 77 4.2 1.1 . 3 • 3 • 0 821 88 76/ 75 3.3 4.5 2.4 837 837 2139 369 74/ 73 3.5 • 3 2.8 607 1981 972 1.3 • 0 • 0 607 334 71 • 5 2.0 1.5 . 1 . 0 .0 334 1217 1847 70/ 69 • 2 . 6 • 1 94 94 637 1714 29 63/ 67 . 2 • 0 •0 29 255 1231 . 1 - 1 66/ 65 0 . 1 12 68 682 17 289 64/ 63 621 61 121 60/ 59 57 c a/ 57 **3**0 56/ 55 54/ 53 TOTAL 1.312.016.514.510.1 8.5 7.1 7.8 6.9 6.1 4.3 7440 7440 7440 7440 No. Obs. Element (X) Mean No. of Hours with Temperature 67.317.992 +47 P +73 P +90 P +93 P 742 • 7 697 • 0 434 • 3 101 • 2 733 • 9 523 • 0 7 • 7 623 • 3 144 • 1 • 4 7440 36118376 Rel. Hum. 500804 10F 51371393 615593 82.7 7.661 73.7 2.884 7440 Dry Bulb 40518190 7440 548630 744 36228020 518514 744 69.7 3.504 7440 Dew Point

PSYCHROMETRIC SUMMARY

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Wet Bulb			7214		617		68.6				00						25.5		-	——	95
Dow Point		401	0275		397	57	66.4	••7	55	9	00				<u> 55</u>	• 9	12.7	l			90



AGE 0-26-5 (O.L.A.) BEWISD REVIOUS EDITIONS OF THIS FORM ARE O

USAFETAC FORM A 24

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION STATION NAME

69,72-80

MONTH

NAME

PAGE 1

0300-0500

Temp.			***			WET	BHI B	TEMPE	ATUR	DEPRE	SSION (۴۱						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5.4	7.8					17 - 18			23 . 24	25 . 26	27 - 28	29 . 30	e 31	D.B./W.B.	Dry Bulb		Daw P
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68/ 67	• 1			• 3		• 1		<u> </u>						ļ				34	34	90	
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64/ 63		1.7		• 3		_		!	↓	\downarrow				ļ	L		↓	37	37	52	
62/ 61		1.3	1.2	- 4	- 6	l	Į.	}	ł				}	}) j)	32	32	41	
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58/ 57			1.4	1.0	• 3		i						1				1	25	25	27	
56/ 55		.1	. 8	. 4										<u> </u>				12	12		
54/ 53			• 3	• 2														5	5	19	
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50/ 49			• 3						Ī	T					[3	3	10	1
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Element (X) Rel. Hum.		Zg'	0369		2 ₁ 761	A 1	84.6		48		00	10	- 1	- 30 5	= 67		73 F	= 80 F	+ 93	. 1	Total
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Wet Bulb											00		$-\!\!\!+\!\!\!\!-$		53		11.8		+-		
Dew Point		373	5560	l .	593	44	65.9	1 / • 1	a U		uu				(23	• U	41.0	1	.1		

26-5 (OL.A) sevido nevous tomons or mis roam are or

SAFETAC 10841 0.0

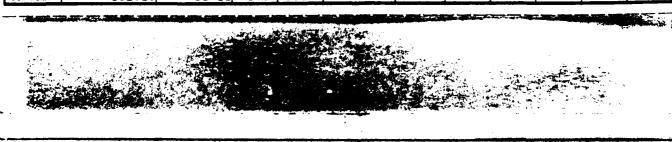
GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC SEP BERGSTROM AFB TX 69,72-80 STATION STATION NAME 0600-0800 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 9 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wor Bulb Dow Point • 2 P 2/ 81 6 31 1.2 1.9 80/ 79 78/ 77 2.1 6.1 2.1 100 100 7.9 5.9 2.2 76/ 75 150 150 57 27 74/ 73 8.9 5.3 1.8 155 155 102 183 139 72/ 71 6.0 5.6 2.6 130 130 169 73/ 69 102 .4 4.1 4.6 1.6 102 143 129 • 6 • 1 2.7 2.0 55 55 84 109 68/ 67 . 8 41 41 85 1.3 82 66/ 65 2.0 . 8 . 2 64/ 63 1.8 . 9 1.2 44 43 55 25 25 42 57 52/ 61 .6 1.2 1.0 . 9 24 24 26 34 60/ 59 58/ 57 . 8 . 3 13 13 34 27 23 34 56/ 55 . 9 12 12 54/ 53 • 3 12 11 3 15 10 52/ 51 • 3 50/ 49 21 48/ 47 13 46/ 45 44/ 43 1 42/ 41 900 960 2.336.938.217.0 3.8 1.7 TOTAL 900 900 Element (X) No. Obe. Mean No. of Hours with Temperature Rel. Hum. 900 +67 F = 73 F -80 F +93 F 6461551 2 0 F 75837 84.3 8.904 1 32 F 900 72.9 44.2 Dry Bulb 4582197 64005 71.1 5.813 61130 61.0 24.4 4186568 67.9 6.193 900 Wet Bulb 9

1 C C

USAFETAC rom 0.24

PSYCHROMETRIC SUMMARY

Temp.											ESSION (TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pein
94/ 93											• 1							1	1	Γ	
92/ 91	Ì						• 1	.2	• 1	• 3	.1							8	8		1
9./ 89						.6	.4	2.3	.6	•1								37	37		
98/ 87				. 1	• 1	1.6	4.2	1.1	. 3		•1	1			l		1	68	68	1	
76/ 85					1.4	6.2		.7	• 1									101	101		
84/ 83			• 2	1.9	5.2	2.4	1.1	• 7		.1					ŀ		l	105	105	i	1
9.27 81			. 8	4.6			1.3	. 3			1			i				120	120	1	
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74/ 73	• 1	. 9	2.0	1.6	. 8	.7	. 4	-8	• 1					Ī				66	66	202	140
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TOTAL	- 6	4.9	12.8	19.7	19.9	17.7	13.9	7 • 3	2.0	.8	• 6			Ļ		L			900		903
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Element (X)		zz,		_	2 x	\top	I	7 8		No. Oi)0.				Mean	No. of H	ours wit	h Tempere	ture		
Rel. Hum-			8446		612	76	68.1			9	00	101	P	32 F	± 67		73 F	- 80 F	* 93	F	Total
Dry Bulb			8934		715		79.5				00				87		77.4	51.	o	•1	90
Wet Bulb			2426		644		71.6			9	סט		$\neg \top$				53.6	•	8	\neg	9:7
Dew Point			2725		609		67.7			9	00	•	-		62		19.2		+-		90



0-26-5 (OLA) tevisto mevicus torrions of this folial ale of

IFETAC NOW 0.26.5

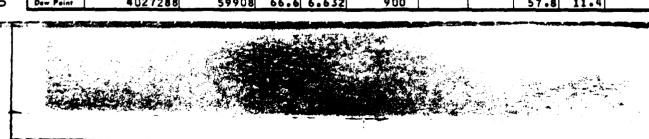
PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX
STATION STATION NAME

69,72-80

1200-1400

Temp.						WET	BULR	TEMPF	RATURE	DEPR	ESSION	F)						TOTAL		TOTAL	
(F)	0	1 . 2	3-4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	» 31		Dry Bulb		Dew Po
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96/ 95]	j		1	Ì		• 1	.2	1.2	.7	. 8	• 3	• 1			 	31	31		
54/ 93								1.0			1.1	•2	• 1					68	68		
92/ 91						ŀ	. 9	2.8	5.3	4.0	.9	-1	• 1					127	127		
96/ 89						.6	2.7	6.1	3.8	1.7	• 4							137	137		
38/ 87					• 2	1.4	5.2	4.6	1.4	.9	. 4							128	128		
³6/ 85		ļ	1		• 6	2.3		2.3	1.9	.7	• 2	•1		ŀ				96	96	. !	
°4/ 83		<u> </u>		. 4		1.3	1.1	1.6	.8	• 6		•2		L				69	69		
22/ 81			• 1	. 8	• 6	• 7	1.1	• 7	1.0	. 2							i	51	51	1	1
93/ 79 78/ 77		-	• 2	1.1	1.1	.6	-6	• 4	• 6	.3		•1					<u> </u>	48	48	40	
70/ 75		•2		• 9	• 6	• 4	1	• 2	• 2	- 4	• 1							37	37	130	! ,
74/ 73		•2		• 6	• 4	.2	•3	•6	• 7		 	\vdash						38	38	261 157	
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el. Hum.			6069		488		54.3				00	s 0 f		32 F	× 67 1		73 F	- 90 F	• 93 F	· ī	Fetal
ry Bulb			1692		770		85.6				00				89.		85.1	72.		. 1	
let Bulb			0834		655		72.8				00				79.		58.9		5		
ew Point		402	7288		599	08	66.6	6.6	32	9	00				57.	8	11.4	I			



PSYCHROMETRIC SUMMARY

PAGE 1

13904

BERGSTROM AFB TX

69,72-80

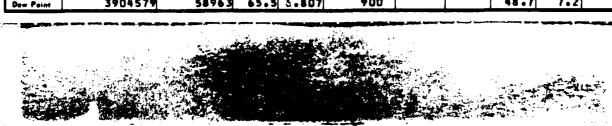
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SEP

1500-1700

Temp.		-				WET	BULA '	TEMPF	ATURE	DEPR	SSION ((F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.S./W.S.	Dry Bulb		Dew Po
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48/ 97						}		}	.1	}	. 4	.9	. 4	<u> </u>			1	17	17		
06/ 95									.7	1.3	2.2	1.1	.6	• 2	• 1	• 1		57	57		
94/ 93			1				1	• 3	2.3	4 . 6	4.0	.8	• 2			• 1	1	111	111		
92/ 91							.6	2.8	4.2	5.9	1.9	• 2						140	140		
9€/ 89						• 2	1.6	2.4	3.6	2.2	1.2	• 3						104	104		
88/ 87					• 1	. 9	2.6	2.1	2.3	1.2	1.3	. 4	• 1					100	100		
26/ 85					• 2	2.6	1.4	1.4	1.6			• 6	.4				L	87	87		
F4/ 83				• 7	.9	. 8	. 6		. 8			• 1					1	50	50		
92/ 81				. 4	1.7	1.1	• 6	• 2	. 6	• 9		• 3	L					57	57	2	
8u/ 79			• 6	. 8	• 9	• 2	Ī		• 2			. 4					ſ	33	33	22	
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74/ 73		• 6	1.0	• 3	-					• 3							!	31	31	197	
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Rel. Hum.			4763 8465		779			15.1			00	5 0	F :	32 F	89		73 F	74 - 3	18		Total
Dry Bulb			6929		652			4.6			00	-	-+-		79		56.3				-
Wet Bulb			4579		589			3.8		-	00				48		7.2		<u>'L</u>		—

ETAC NOW 0.26-5 (OLA) MINISTE



PSYCHROMETRIC SUMMARY

1 9 4 BERGSTROM AFB TX
STATION STATIO

69,72-80

PAGE 1

																				(L. S. T.)
Temp.							BULB '										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16		19 - 20		_	25 - 26	27 - 28 2	9 - 30 ≥		Dry Bulb	Wet Bulb	Dew Poi
° 6/ 95								ŀ		• 1		• 2	• 1	ĺ			4	1		
04/ 93								• 2	. 4	.1	.8	• 3					17			ļ
° 2/ 91							• 1	• 3	1.4	2.0	• 3	. 1		• 1]		40			
~./ 89							• 4	2.0	2.1	1.3	• 3	• 1					57			↓
5 87					• 1	.6	2.9		1.1	.7	• 1	• 1			l 1		76			i
6/ 85					. 1	3.9	2.3	2.2	1.0	.7	• 3	.1					96		<u> </u>	<u> </u>
: 4/ 83				. 4	2.8	3 • 3	2.7		. 7	• 3	• 1				1	ĺ	116			ì
93/ 81			• 1	1.3	2.6	2.0	2.0	1.3	• 6	.6	• 2						96			<u> </u>
7 79			• 6	2.4	3 • C	1.4	• 3	.7	• 1	• 2	• 1	• 1					81	_	4	
73/ 77		. 1	1.9		2.1	• 9	.9	. 8	• 2	.4	• 1						87		39	
76/ 75		1.1	2.1	1.9	1.6	+8	• 3	- 4	• 3	• 1							78	78	164	
74/ 73		. 4	1.4	1.1	• 3	. 1	.6	. 4	• 4	L	L						44		219	5 9
721 71		1.3	1.2	1.0	• 1		.8	. 4	• 1	[}		45	1	149	
7 1 69	• 1	1.1	. 8	.6	• 3	• 2	. 4	. 1	• 1								34	1	101	144
to/ 67		• 3		• 1	• 3	• 1	• 3			[11	11	72	
66/ 65		• 2	• 1	• 3	• 3	. 1	- 4										14	14	49	
64/ 63			• 1	• 1						F							2		27	
62/ 61			• 2														2	2		
55/ 59																			32	29
53/ 57			i	į į						L									16	
56/ 55																			4	
54/ 53										L									4	
52/ 51																				13
50/ 49																		1		15
48/ 47																				13
46/ 45										Ĺ										3
44/ 43														[[[5
42/ 41									L	L					L					3
OTAL	• 1	4.7	8.6	11.6	13.7	13.4	14.6	14.4	8.7	6.6	2.4	1.1	• 1	• 1				900	,	900
																	900	<u> </u>	900	<u> </u>
Element (X)		2 1			Z x		Ī	•,	T	No. Ol	8.				Meen No	of Hours	with Temper	iture		-
Rel. Hum.			3611		548	99	61.0		95		00	101	,	32 F	+ 67 F			• 93	F	Total
Dry Bulb			9035	 	729		81.3			9	00				88.	2 79	2 55.	4 2	•1	9.
Wet Bulb			8438		637		70.8			9	00				74 •	8 42	.6	1		9
Dew Point			4973	 	589		65.5				00	-			49.		. 3			90

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THE TAY IN THE PROPERTY OF THE PARTY OF THE

PSYCHROMETRIC SUMMAR

STATION SERGSTROM AFB TX 5EP 69,72-80 STATION NAME MONTH PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.S. Dry Buib Wer Buib Dew Par · / 89 48/ 87 . 1 . 2 6/ 85 • 4 16 14 24/ 83 2.1 1.1 40 • 0 • 1 .1 91 2.2 4.0 2.0 1.4 • 1 94 94 1 / 79 2.7 5.4 3.9 139 139 7:/ 77 2.4 .3 4.6 4.7 1.2 • 3 125 125 10/ 75 2.3 6.2 3.4 2.6 . 4 136 136 74/ 73 99 99 224 2.3 2.3 3.3 2. • 2 • 1 72/ 71 .9 3.0 1.9 1.0 1.1 81 81 153 161 7./ 69 .2 1.9 1.7 1.4 59 59 116 . 6 • 1 154 63/ 67 .7 1.1 30 95 30 12£ 06/ 65 . 3 23 23 1.0 . 4 64 8 2 54/ 63 . 9 . 7 40 25 25 82 ·2/ 61 . 8 17 17 29 51 5 ./ 59 2 2 21 34 . 1 58/ 57 • 3 4 2.5 17 . 2 50/ 55 2 17 24 4/ 53 14 17 32/ 51 18 5 / 49 15 48/ 47 46/ 45 TOTAL .6 9.024.025.421.311.8 4.9 2.2 900 9.5 900 900 Element (X) No. Obs. 73.511.529 Mann No. of Hours with Temperature Rel. Hum. 900 4985495 66177 5 0 F s 32 F 75.4 5.690 69.3 5.448 5143040 900 Dry Bulb 67842 82.6 65.6 22.4 4353499 62403 900 68.8 32.4 59464 66.1 6.639 3968480 900 9.4 53.5 Dew Point

0-26-5 (OL. A) REVISIO MENDUS EDITIONS OF THIS FORM ARE OSSOLETE

SAFETAC NORM

> 31. and the same of th

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX 69,72-80 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) • C 3/ 99 ca/ 97 19 19 • 1 . 4 92 • 0 • 3 • 3 • 1 • 0 • 0 92 96/ 95 197 197 94/ 93 . 2 . 6 1.0 . 8 . 2 • C • 0 315 315 • 0 • 0 921 91 . 8 1.4 1.5 . 4 • i <u>•</u>6 336 336 9./ 89 1.6 1.3 . 6 378 • 3 378 c 8/ 87 1.9 1.4 . 1 . 0 • 3 1.9 398 398 96/ 85 1.2 . 9 . 3 . 1 . 1 •2 381 381 4/ 83 • 5 1.5 1.1 . 8 . 0 82/ 81 435 435 1.3 • 3 . 1 1.8 • 3 . 1 . 3 • 3 30/ 79 .1 1.3 2.5 1.5 • 2 • 1 • 1 • 1 527 527 77 2 . 0 672 13 672 386 • 2 76/ 77 . 8 3.5 2.3 1.2 • 0 841 841 1146 187 701 75 . 1 3.5 4.2 1.9 1.1 • 3 • 2 • 2 • 1 774 774 1537 708 74/ 73 3.8 3.3 1.8 . 1 • 2 587 1038 1289 72/ 71 .1 2.7 2.6 1.6 • 3 • 1 . 0 587 . 4 • 2 • 1 891 1171 422 70/ 69 422 .2 1.8 2.0 207 207 575 974 . 9 60/ 67 1.0 • 3 . 2 . 9 £6/ 65 . 2 189 189 435 749 - 6 . 6 284 477 150 150 64/ 63 . 6 • 6 • 1 52/ 61 • 3 100 100 235 427 . 3 . 4 • 0 60/ 59 • 3 • 3 74 74 215 252 • 1 50 50 138 163 58/ **57** • 0 • U 28 28 94 195 56/ 55 • 3 . 1 17 17 69 126 c4/ 53 52/ 51 38 120 28 101 56/ 49 46/ 47 10 101 46/ 45 63 14/ 43 13 42/ 41 40/ 39 .8|15.5|21.4|15.0|10.4| 7.8| 7.2| 7.0| 5.8| 5.0| 2.6| 1.0| TOTAL • 0 • C 7200 7266 7200 7200 Meen No. of Hours with Temperature No. Obs. Element (X) 267 F 273 F 280 F 293 F 658 2 536 6 282 C 30 a 502512 Rel. Hum. 37245038 69.817.374 7200 10F 1 32 F Total 77.8 8.527 70.2 5.775 560398 44140874 7200 Dry Bulb 565.4 315.0 3.6 35685725 505177 7200 31912036 476812 66.2 6.829 7200 434.4 91.0 Dew Paint

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PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION STATION NAME

69,72-80

OCT

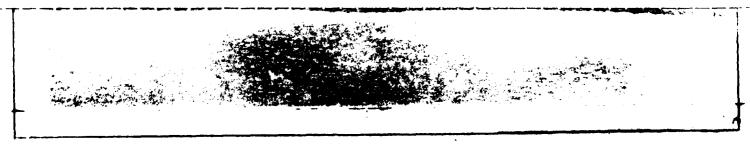
PAGE 1

3000-0200

Temp.						WET	BULE 1	EMPER	ATUP	DEPRE	SSION /	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	+ 31	0.B./W.B.	Dry Bulb		Dow Pa
18 1				• 1														1	1		
10/ 79		l	. 9	. 5											ļ	ł	ļ	13	13		
78/ 77		• 2	.8	. 4													1	13	13		
6/ 75		. 6	2.0	1.2	• 2			• 1		1 1			į i		l	l	Į.	39	39	22	
74/ 73		1.0	2.9	1.6	• 3	• 1	• 2						· · · · · ·					57	57	14	2
2/ 71		2.7	3.1	• 6	. 4	• 2	• 1	- 4		1 1					l	l	l	71	71	43	1
70/ 69		1.2	3.3	1.2	• 5			• 2										60	60	62	5
e/ 67		3.3		2.2	. 9	• 1	• 1										L	99	99	58	4
6/ 65	• 1	•			• 8	• 1		1		1 1				l			1	97	87	78	7
4/ 63		2.6			1.2	. 6	• 2	• 1		1_1							L	78	78	79	
27 61	• 5	1	2.2		• 6	• 2	• 2	• 1						1	1	ĺ]	68	68	92	7
_/_59		1.4	4.3		• 6	. 8				igsquare								73	73	52	6
3/ 57		1.6	2.2		• 2	• 2	• 1	i 1		i i)	ì	54	54	72	
6/ 55		.8	3.3		. 1	• 2				igspace						L		52	52	72	
4/ 53		- 3	2.4	1.3	. 8	• 1				} }							ì	45	45	52	•
2/ 51		1.1	2.6	- 6	• 4					\longmapsto								44	44	59	-
/ 49		1.0	1.1	• 4	ļ			. {		, ,						 	ŀ	23	23	49	ī
3/ 47		. 5		• 3						 								17	17	52	
0/ 45		• 1	• 5		Į.			l l		} }	ĺ					}	1	10	10	20	4
4/ 43		• 3	• 5	• 1						 							<u> </u>	10	10	21	
1/ 39	4	• 4	.1	ļļ	l	ļ	ļ	į		ļļ				ļ			ļ		2	13	
5/ 37	• 1		- • 1	-						 							<u> </u>	2	1	6	
6/ 35	. 1	I I			Į			ļ		ll				i				الما	n.	2	
4/ 33		• • •								 								 	}	- 3	
2/ 31		li								i i				i				{ !	1	- 1	
TAL	1.0	23.9	43.8	19.7	7.1	2.7	1.0	1.0						—				 	930		9:
'~•				' ' '		~ • • • • • • • • • • • • • • • • • • •	~~~											930	100	930	
		-		-		_															
		-															-				
ement (X)		Z X'			E X		X	- * <u>*</u>	\Box	No. Ob	, 1				Mean I	to, of H	ors with	Temperat	ure		
el. Hum.			8348		729	92	78.5	11.3	+ 1		30	£0		32 F	≥ 67		73 F	- 80 F	▶ 93 F	1	Tetal
y Bulb			0137		585			8.5			50				35		12.3	• 5	2]		5
er Bulb			2642		548			8.7			30				19	1	3.6	1			
ew Point		300	2085		520	11	55.9	10.0	2 31	- 0	30		\neg	. 6	14	- 1	2.7		T		9

C PORM D-26-5 (OLA) REVISED REVISED

USAFETAC MORN



PSYCHROMETRIC SUMMAR'

17904 BERGSTROM AFB TX 69,72-80 OCT
STATION STATION NAME YEARS WARS

PAGE 1 0300-0500

Temp.											SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Builb	Dow Pain
92/ 81	-		• 3				}											3	3		
3 3/ 79		i	_ • 5	. 4			<u> </u>	[<u> </u>	9	9	L	
73/ 77			• 5	• 1													•	6	6	3	
76/ 75		1.0		. 4	• 1		Ĺ						L		<u> </u>			30		13	18
74/ 73		1.7	2.5	- 8	• 1													47	47	22	18
72/ 71		2.8		• 5	•1	.6							L					59	59	32	28 51
76/ 69	• 2	2.4	1.5	• 3	• 2	•1]	• 1	1		i	1		i	1			45	45	67	
63/ 67	• 2	3.5		. 5	• 2		• 2		L						L		Ļ	66	66	48	48
56/ 65	• 1	5.3	2.0		• 2	•2		i	ì]	Ì		1		Ì]	1	85		60	
=4/ 63	• 1	5.1	2.8	. 8	• 6	• 3	• 1		ļ	<u> </u>			L		ļ		Ļ	91	91	72	
52/ 61	• 3			- 8	• 5		1	ì	ì	1	ì)	1	ĺ) i	Ì	70	70	76	65
60/ 59		2.3		1.0	• 1	• 1					 		ļ		L	ļ		57	57	71	53
58/ 57		1.8		• 5	• 3	• 5		1	}	1	1	1	1	}	1		Ì	59	59	57	61
56/ 55		3.2		. 9	• 3	• 5		ļ		 	<u> </u>				 	L	 	69	69	61	
54/ 53		1.5		• 4	• 5				ļ		[\	}	}	·	{	59	59	70	
52/ 51		1.1	3.5	• 5	• 3	• 1				<u> </u>			.		!		ļ	52 36	52 36	47 54	
•		. 8	2.0	• 8	• 3			ļ	ļ		<u> </u>		ļ		ļ		!	32			
45/ 47		1.1	1.9	• 3	• 1		-							ļ	 		 	15	32 15	49 50	53 57
46/ 45	_	• 5 • 5					[:		[1			ļ		Į.	. !	ļ	15		28	
42/ 41	• 2	• • • • • • • • • • • • • • • • • • • •	•5	• 1			ļ —								<u> </u>			7		19	
40/ 39	ĺ	. 4	. 4	• 1	l			l		ı	ł		l		ľ	l i	l	á	8	9	
38/ 37		• 2		 							├		<u> </u>				 	4		11	34 25
36/ 35	• 3		• -		- 1					1	ļ		1 i					5	اً ح	7	
34/ 33	• 3	•1						-	<u> </u>	_							 	1	1	3	
?2/ 31		•			J						Ī							•]	i	8
30/ 29											-										3
TOTAL	1.5	39.1	41.3	10.2	4.2	2.7	. 9	. 1		l							!		930		930
																		930		930	
										ļ											
											L										
Element (X)		z _X ,			EX	\Box	X	· ·	\neg	No. Ol	s.]				Meen I	No. of He	ours with	Tempers	ture		
Ret. Hum.		633	8931		760		81.8	11.2			30	10	, ,	32 F	≥ 67	F	73 F	- 90 F	→ 93 1		Terel
Dry Bulb		352	9533		566	65	60.9	9.1	00		30				26		9.5	•	7		93
Wet Bulb		317	7805		536	63	57.7	9.3	57		30			• 1	18	• 5	3.8			\Box	93
Dew Point		293	5385		513	17	55.2	10.5	67	9	30			1.1	14	.8	2.1				y 3

FORM 0-26-5 (OL.A) sevido mevicus spinors of this form As

AFETAC NOM

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME

69,72-80

0600-0800 HOURS (L. S. T.) PAGE 1

																	T:			L. S. T.)
Temp.			, .	, ,		WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	-
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	25 - 26 2	27 - 28 29	- 30 × 31	D.B./W.B.		Wet Bulb	Dew Pe
13/ 79		- 1		• 1		i										İ	8	8		
76/ 77			1.1	• 2			<u> </u>			lacksquare							12	12		
76/ 75		• 9	_	• 5					1	l 1					- 1		27	27	7	
74/ 73		2.0							<u></u>					\rightarrow			49	49	29	
72/ 71	• 1	2.5		• 2				• 1		I I		l	- 1	1			5 5	5 5	37	4 3
7./ 69	• 6	3.7	1.9		• 1	. 4											64	64	69	I
66/ 67	• 3	3.1	4.0	• 3	• 3	• 1	• 2		Ī	l i			- 1	- 1			78	78	61	70
66/ 65	. 6	2.9	2.0	1.1	• 2	• 1		• 1									71	71	58	6.
64/ 63	• 6	3.2		1.1	. 4	• 5								- 1		ļ	73	73	74	61
n2/ 61	• 3	3.4	2.2	1.2	. 4	• 2				ll							72	72	57	56
6 // 59		3.5	2.0	1.0	• 6	• 2								Ī			69	69	65	1
50/ 57		2.0	2.7	. 6	. 3	• 3	• 1			ll			ļ				57	57		
56/ 55	• 1	2.8	2.5	.8	. 4	• 3	• 1									Ī	65	65		7
54/ 53		1.4	2.0	1.0	• 5	• 3											49	49		
52/ 51		1.6	3.2	1.0	• 1					Γ							55	55	1	
53/ 49		1.6	1.7	.8	• 2					<u> </u>			j				40	40	4	
48/ 47		1.3	1.3	• 6	• 1											Ĭ	31	31	61	
46/ 45	- 1	. 9	.6	• 2				l				L I					17	17	46	
44/ 43	• 1	• 3	• 5	• 1													10	10	24	-
42/ 41		. 4	. 4							1				1			8	8	14	27
45/ 39		• 6	• 3														9	9	14	2 !
33/ 37		. 4	. 1						İ	1 1			_				5	5	10	
₹6/ 35	• 2	• 2	• 1										ĺ			Ī	5	5	6	24
34/ 33		- 1							l						L		1	1	5	4
72/ 31																				12
30/ 29												1	ļ		1		1	l	<u></u>	;
TOTAL	3.2	39.1	38.0	11.8	3.9	2.6	1.2	• 2						Ī			Ί	930		931
İ]		1				ł		j	ĺ	930		930	1
										\Box]
										\sqcup			\longrightarrow				ļ	ļ		ļ
									İ									ļ		
Element (X)		Z _X ,	L		2 _X	Щ.	Ī	7,	<u> </u>	No. Ob	. I				Meen No.	of Hours wi	th Tempere	ture		<u> </u>
Rel. Hum.			0984		763	12	82.1				30	± 0 F	1 1	32 F	≥ 67 F	≥ 73 F	+ 80 F	• 93	F	Total
Dry Bulb			4614		567		61.1				30				29.3	9.6			\neg	9
Wet Bulb			5627		538		57.9			9	30				20.4	3.7	/	1	<u> </u>	9
														1.4	17.0			+		9
Dew Paint			5874		514		55.4				30			1.4		1.3		1.		



PSYCHROMETRIC SUMMARY

OCT

BERGSTROM AFB TX 0900-1140 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) . 1 2 / 89 • 1 • 1 88/ 87 . 2 7 12 • 3 12 06/ 85 • 3 • 2 94/ 83 1.2 . 1 39 39 1.2 • 6 62 62 • 6 1.3 1.8 82/ 81 6 J 79 .3 1.2 2.7 1.7 • 1 67 67 • 3 91 91 2.4 1.3 1.0 • 5 • 1 701 77 1.0 1.6 76 76/ 75 76 . 9 1.3 2.4 2.0 . 6 15 • 3 78 78 67 74/ 73 1.4 1.3 1.8 1.2 1.1 • 8 79 79 99 53 72/ 71 1.0 1.8 1.5 1.1 1.3 1.0 . 9 73 73 98 64 79/ 69 1.3 • 1 2.6 1.1 1.0 1.1 78 78 75 95 • 9 1.0 1.7 • 5 68/ 67 1.6 . 8 • 3 56 56 86 85 • 3 1.2 1.3 66/ 65 .1 1.0 • 6 • 5 • 6 47 47 62 82 64/ 63 . 9 1.0 44 3 **3** 33 4 62/ 61 • 3 • 6 • 6 • 9 . 4 66/ **59** . 3 • 5 1.0 • 9 30 30 67 48 • 2 • 3 25 25 48 58/ 57 . 4 •2 • 3 1 • C 50/ 55 . 4 48 47 . 4 21 21 45 43 54/ 53 • 6 • 6 19 19 39 41 52/ 51 1.2 . 1 52 5 1 49 . 2 • 3 41 43/ 47 22 42 • 6 46/ 45 16 38 40 1.3 44/ 43 24 42/ 41 19 40/ 39 15 38/ 37 11 36/ 35 11 34/ 33 32/ 31 930 930 .310.413.116.118.915.912.7 6.7 3.8 1.1 TOTAL 930 930

69,72-80

Zy' ZX No. Obs. Element (X) ± 67 F = 73 F = 80 F = 93 F 65.416.240 70.7 8.938 930 4220164 60802 10F ≤ 32 F 65784 930 66.5 43.5 15.6 **9**3 Dry Bulb 10.9 93 930 38 .1 Wet Bulb 3757819 58609 63.0 8.317 53721 57.810.429 3204219 Dew Paint

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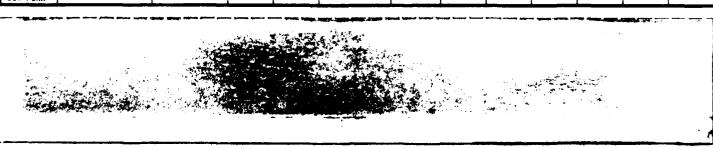
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp. (F)											STATE							TOTAL	I	TOTAL	
	0	1 - 2	3 - 4					TEMPER					22 24	34 34	27 20	lae a		D.S./W.S.	D. 0.15		Ta
96/ 95		1 . 2	3.4	3.6	/	7 - 10	11 - 12	13 - 14	15 - 10	17 - 10	19 - 20	21 - 22			27 - 24	29 - 30	' • • •		UTY 8018	WET BUILD	Dew Pers
94/ 93							İ		,	.2	٠,	9	•1				1	1 7	7		į
92/ 91				\vdash	-	-		• 8	• 1 • 4	.8	•1	•2	• 1		 	 	+-	21		├	ļ
99/ 89								1.1		.6		•						30			ŀ
F8/ 87	-				-	-	. 9	2.0	2.6		• 1		7	 	├	 	-	71	71		
6/ 85					۱, ا	_			1.9	•5	•2	. 4	• 3		l		1	99	99		
14/ 83	-			• 1	•1	2.3	2.5	3.6 2.3	1.6	1.0	.9	•6	•1		 	├	┼	110	110		<u> </u>
F2/ 81			١,	.2	.6		1.3		1.8	1.6	1.3	.6			l	ł	1	94	94	i	1
84/ 79			•1	• 6	1.1	1.5	1.2	. 6	1.5	.9	•8	• 0	•2	-	⊢	_	 	83	83	}	
78/ 77			.1	• 5		1.1		1.1			1.0	,					l	63		,,	
76/ 75			• 5	. 4		1.1	• 6 • 5		1.2	1.3	•2	•1	•2		 	-	↓	64	63 64	18	
74/ 73		• 2	. 4	.6		.4	• 3	1.1	.6 1.2	1.2	• 3	• 4		1				55	55	120	_
72/ 71		• • •	.5	- 8		• 5	• 3	• 6	1.4					 	 	├	+	49	49	113	
73/ 69		. 4	.9	• 1	• 1	.2	. 4	• 5	. 8	• 3	.1							36	36	79	63
63/ 67		• 2	• 2	• 1	• 5	• 2	• 3	• 5	• 4	• 2	• •			-	 	├	┼─	26	26	93	79
66/ 65	• 2	. 1	. 2	. 2		.5	. 4	. 2	. 1	.2								25	25	76	
64/ 63	.1	.1	- 3			• 3	. 4	• 1	• 2					 	\vdash	1	 	15	15	72	91
62/ 61	•	. 1	. 3	• 2	• 3	. 5	• 1	. 2	• 2						į		1	18	18	55	68
60/ 59		• 2	• 5	• 1		• 3	• 2								\vdash		+	17	17	46	68 48
56/ 57		. 1	. 3	. 3		. 1	. 1	. 1						l				11	11	56	42
56/ 55		• 2					•1							 		 	+	3	3	41	44
54/ 53		- 3	. 3	• 2	. 1	ŀ								Ì	1			9	9	-	45
52/ 51		. 8	• 1														 	8	8	25	45
50/ 49	ŀ	• 2														ļ		2	2	23	
43/ 47		- 8															†	7	7	8	42
46/ 45		• 3	• 2				1				J				İ			5	5	13	44
44/ 43																				4	40
42/ 41								l							L			<u> </u>			30
46/ 39			$\neg \neg$																		20
38/ 37]		l	l]]]												15
36/ 35						$\neg \uparrow$												1 1			7
34/ 33									l								L	<u> </u>			11
72/ 31	T	T			T			Ī													11
30/ 29									[[L			l	l l			6
Element (X)		Σχ'			ž _X		X	•4		No. Ob	•.				Mean I	No. of H	ours wid	Temperat	VF0		
Rel. Hum.												5 0 F		32 F	≥ 67	F	73 F	- 80 F	▶ 93 1	•	Total
Dry Bulb																					
Wet Bulb						\Box												L	T		
Dew Peint																			1		



OBM 0-26-5 (OL.A) REVISED INEVIOUS EDITIONS OF THIS FORM AND

SAFETAC FORM A SECOND

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC STATION BERGSTROM AFB TX 0 C T 69,72-80 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Peint Temp. .3 4.2 5.3 4.6 6.011.412.116.617.511.2 6.1 3.2 1.4 ^ TAL 929 929 929 929 Element (X) 929 51.316.794 77.6 9.453 81.0 69.9 48.4 .8 Rel. Hum. 2704332 47636 5673048 72064 929 Dry Bulb 65.0 7.831 18.1 Wet Bulb 3982848 60392 3104450 52800 56.810.563 18.6 Dew Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX 69,72-80 STATION STATION NAME PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 96/ 95 • 2 • 2 5 • 1 5 94/ 93 . 3 . 1 9 92/ 91 . 4 1.3 28 28 • 1 • 1 9./ 89 1.6 2.0 . 6 . 4 49 49 • 2 . 2 98/ 87 . 4 1.8 2.5 1.9 87 87 1.3 . 4 6/ 85 3.1 2.2 2.2 1.2 . 9 111 1.8 . 1 111 1.3 2.2 34/ 83 2.7 1.9 110 110 1.4 1.0 1.9 2.0 1.0 93 93 c 2/ 81 - 8 31/ 79 • 5 1.1 1.1 •2 • 2 72 72 . 6 75/ 77 <u> 1</u>.0 1.2 1.0 57 57 . 1 1 . 3 . 8 75 1.0 1.0 1.2 1.8 .1 69 69 42 • 3 • 2 • 5 74/ 73 38 38 • 2 • 2 • 5 96 . 4 . 4 • 6 72/ 71 . 4 25 • 5 . 4 • 1 • 6 • 1 .2 1.1 . 8 . 3 • 3 46 46 118 •5 . 5 . 8 • 3 43 43 70/ 69 • 6 . 9 94 44 • 2 58 68/ 67 • 2 . 4 16 101 • 2 • 2 16 66/ 65 . 1 . 2 79 90 64/ 63 21 . 8 .6 • 1 27 27 89 20 20 77 621 61 . 8 78 56/ 59 • 3 • 1 5 5 40 70 8 53/ 57 8 54 39 56/ 55 10 10 42 46 54/ 53 • 2 5 5 48 34 52/ 51 • 5 . 1 30 46 19 5J/ 49 . 2 3 48 48/ 47 55 46/ 45 45 44/ 43 36 42/ 41 4 J/ 39 22 38/ 37 36/ 35 16 34/ 33 15 32/ 31 10 34/ 29 Element (X) Mean No. of Hours with Temperature Rel. Hum. 2 0 F s 32 F * 73 F Dry Bulb Wet Bulb Dew Paint

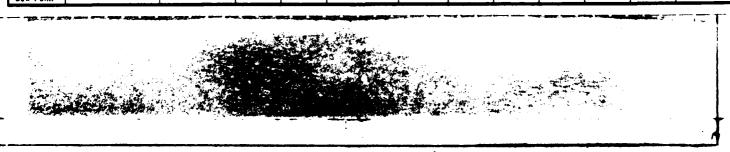
0-26-5 (OLA) sewste newous tentions or this roam alle oasoutte

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 13904 3904 BERGSTROM AFB TX
STATION STATION NAME 69,72-80 OCT 1500-1700 PAGE 2 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Sulb Wet Bulb Dow Point 3/ 27 .1 3.2 4.8 3.7 4.5 8.1h0.2h3.5h6.1h5.5h1.3 5.6 2.3 1.0 930 OTAL 930 930 930 2369489 44273 930 ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 10F Dry Bulb 5867416 73368 78.9 9.244 930 83.3 72.8 53.2 93 64.9 7.349 55.810.313 3971622 930 45.5 14.2 60390 93 Wer Bulb 2.6 13.0 2994823

PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX 69,72-80 OCT
| STATION | STATION NAME | PAGE 1 1800-2800 | HOURS (L.S. T.)

Temp.			_			WET	BULB 1	TEMPER	ATURE	DEPRE	SSION ((F)						TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Peint
02/ 91								• 1			• 1							2	2		
93/ 89			i				• 1			.1	.1	• 1		l .				4	4		
38/ 87							• 1	• 2	• 1	• 2	• 1							7	7		
36/ 85							• 5	1.0	.9	.4	l	.1						27	27		
54/ 83					• 1	.6	• 4	• 9	1.0	• 2	• 1							31	31		
.2/ 81					1.0	1.4	1.9	. 8	. 5	.1	l							53	53		
£3/ 79			• 3	1.3	.4	3.2	1.3	1.0	1.3	. 4	• 1							87	87		
78/ 77		1	. 4	1.4	2 • 2	3.0	1,5	. 9	1.0	5	.1	. 1						103	103	2	
76/ 75		• 1	.1	1.4	1.7	2.2	1.0	1.7	. 8	.6								89	89	8	
74/ 73			. 4	1.4	• 6	1.4	1.1	1.0	• 6	• 3	L							64	64	54	
72/ 71		. 8	.9	1.8	1.8	1.3	1.4	1.1	. 9	• 3	• 3				Ī			98	98	47	
71/69	l	• 5	1.7	1.0	• 5	1.6	1.4	1.2	. 6		• 1	L I		1				81	81	120	
63/ 67		• 5	. 4	• 5	1.6	. 8	1.4	• 6	. 3	• 4	Ţ .	ŢŢ			- I		1	62	62	101	48
66/ 65		. 4	• 3	. 4	1.0	1.4	• 3	• 1	. 5		L						<u> </u>	42	42	98	
64/ 63		1.3	.4	• 9	• 9	- 8	. 9	• 2	• 1									50	50	68	
62/ 61		• 5	• 3	• 5	• 2	• 5	. 6	• 3										29	29	82	
6J/ 59			• 5	• 2	• 3	. 8	• 2	• 2										21	21	69	
f 8/ 57		• 2	. 4	. 4	• 5	. 4	• 2											21	21	73	
56/ 55		. 2	• 2	• 5	• 1	• 3					l	[]		1 1			!	13	13	49	
°4/ 53		. 4	. 8	• 2	• 3	• 1					L							17	17	35	
12/ 51		• 5	• 3	• 2	• 3	- [l	ĪI					l	13	13	41	
53/ 49		. 4	• 3							L.,	ļ	\sqcup					L	7	7	42	
48/ 47		• 1		• 3	1	- 1					ĺ						l	4	4	17	
46/ 45		• 1								<u> </u>		L .		ļ				1	1	14	
44/ 43		. 3	1 1	i	1	- 1					!				[l	3	3	5	
42/ 41		ļ	• 1									\vdash		<u> </u>	\longrightarrow			1	1	4	24
45/ 39										ł	l	li			[1		1		22
38/ 37										<u> </u>		ļ		1						1	11
76/ 35						ĺ					İ										16
34/ 33		<u> </u>										—					ļ	-			13
32/ 31									1												8
33/ 29		—												-			├─				$\frac{1}{1}$
28/ 27																					•
Element (X)		Z _X '			Ex		X	**		No. O	8.				Meen N	lo. of H	ours wit	h Tempere			
Rel. Hum.												≤ 0 (≤ 32 F	a 67	<u> </u>	73 F	- 80 F	- 93	-	Total
Dry Bulb															<u> </u>			ļ	\bot		
Was Bulb											I							ļ			
Dew Point						T										T					



A) REVISED FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C 1044 0-26-5 (OLA)

USAFETAC NOM 0-26-5 (OLA) REMED REPORT DEFINES OF THIS FORM ARE OLDORER

GL	0В	AL	CL	IMA	TOL	OGY	, 6	RAN	СН
U S	AF	ETA	С						
AI	ĸ	h E A	TH	ER	SER	VIC	E	MAC	

PSYCHROMETRIC SUMMARY

17974 BERGSTROM AFB TX 69,72-80
STATION STATION NAME YEARS
PAGE 2

2 1800-2000 HOURS (L. S. T.)

OCT

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.			Dow Po
CTAL		6.6	8.1	12.6	13.7	19.8	14.4	11.2	8 • 6	3.8	1.1	• 3]	937		93.
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Element (X)		ZZ'			ž _X	\Box	X	<u>,</u>		No. Ob								Tempere			
Rel. Hum.		350	2008		551	10	59.3	15.9	49		30 <u> </u>	101		32 F	= 67		73 F	≥ 80 F	× 93	F	Total
Dry Bulb			7695		667	29	71.8	8 . 6	67		30				70			16.	5		9
Wet Bulb			6522		579	72	62.3	7.5	40	9	30		Т		33		6.4				9 3
Dew Paint			8491		519	43	55.9	9.6	96	9	30 I			1.0	11	•0	• 5				9.3



PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION NAME 69,72-80 2100-2300 Hours (L. s. T.) PAGE 1

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
6/ 85					• 1			• 1	• 1									3	3		
54/ 83				. 1	l				l									1	1	l	
n2/ 81				• 4	•2													6	6		
8 ./ 79			.5	.9	. 4	• 1			1	.1	!			i	1 1			19	19		
78/ 77		• 1	1.0	2.2	1.2	• 3	• 2	• 1										47	47	2	
76/ 75		• 3		2.8	2.7	. 4	• 2	• 1	. 1		ì			<u>L</u> . i	i		l	69	69	12	
74/ 73		•2	1.6	4.3	1.2	1.1	• 3	• 2			I							83	83	3.0	18
72/ 71		. 4	2.7	2.2	2.4	. 9	. 1	• 3		Ĺ							L	83	83	42	22
70/ 69		1.4	2.3	2.7	1.9	. 8	.2	• 1	• 1						_]			88	88	80	42
68/ 67		1.1	2.2	2.2	1.8	1.1	1.0		. 1						ll			87	87	74	55
66/ 65	• 2		1.3			1.1	• 5		• 1									79	79	84	79
64/ 63	• 1					. 6	• 6	• 1		L								78	78	91	62
62/ 61	• 1	1.0	1.1	2.3	1.6	. 3	• 1	• 1	i									61	61	78	82
50/ 59	i	• 2				• 5	• 3								$oxed{oxed}$			48	48	62	70
58/ 57		- 4	1.2	1.0	• 9	• 2	. 4											38	38	76	50
56/ 55		. 9	.8			• 4			i		ļ			ļ			L	43	43	72	6 0
94/ 53		• 2	1.1	1.3		• 2				ł			İ					28	28	55	66
52/ 51		.4	. 4	. 8					<u> </u>			L						17	17	39	53
50/ 49		1.1	. 4		I .										l			21	21	4 D	47
48/ 47		• 5							<u> </u>					<u> </u>	\Box			11	11	38	67
46/ 45]	• 3		i i					İ	l				i i			4	4	20	33
44/ 43		.4	• 5						↓						L			9	9	18	33
42/ 41		• 1	. 3	Į					i						li			4	4	8	23
4 1/ 39	• 1	• 1	ļ						↓		Ļ							2	2	7	21
38/ 37		• 1							ľ	i	1							1	1	1	20
36/ 35			<u> </u>								 				\vdash					1	
34/ 33	_					ا ـ ـ ا			١ ـ	١.	•	1									15
TOTAL	• 5	11.9	21.3	32.7	19.6	8.1	4.1	1.2	. 5	•1		ļ			-				930		930
			ĺ															930		930	
Element (X)		IX'			Z X		X	•,		No. O								h Tempere		- ,	
Rel. Hum.			8751		665	87	71.6				30	£ 0	<u> </u>	32 F	= 67		73 F	- 90 F	≥ 93 l		Terel
Dry Builb			0522		613		65.9				30		Щ.		48		22.8		2		93
Wet Bulb			1486		560		60.3				30				24		4.4				93
Dew Paint		301	9553		522	25	56.2	9.6	67	9	30				13	• 7	1.8			i	93

Element (X)	2 X,	ZX	X	₹ _R	No. Obs.			Mean No. a	f Hours with	Temperatu	re	
Rel. Hum.	4918751	66587	71.6	12.757	930	2 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Buib	4110522	61328	65.9	8.448	930			48.6	22.8	1.5		93
Wet Bulb	3441486	56054	60.3	8.231	930			24.0	4.4			93
Dew Paint	3019553	52225	56.2	9.667	930			13.7	1.8			93



PSYCHROMETRIC SUMMARY

STATION		RGST		51	TATION N	AME					72-8			YE	ARS		PAGE	- 1		L L
																	PAUL			L L L. S. T.
Temp.									ATURE								TOTAL		TOTAL	·
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16		19 - 20	21 - 22			27 - 28 29	- 30 * 31			Wet Bulb	Dew P
96/ 95		į .	ł i	i i	ĺ	[]		ĺ	_	•6		[• 0	0.			6	6	Į.	ļ
93/ 91		 			 	-		-	·ņ	•1	• 0	•1	• 1	• 0	- 2	-}	16 51	16 51	├──	┼──
95/ 89					ļ		• 0	•1	1 .4	.4	• 1	1	•0		• 4		86	86	1	1
98/ 87						• 0	• 3		.6	-4	• 1	.1	•1	0	-+	-+-	172	172	 	┼──
56/ 85)) '		•2	.6		7	4	• 2	ż	.0	•		- [252	252		1
84/ 83				• 1	• 3		•6		.6	• 3	.4	• 2			-	_	291	291	 -	
82/ 81			. 1	- 2	4	. 7	.8	. 3	.4	.5	4	. 2	.0	.0		(312	312	1	1
33/ 79		• 0	. 4	.6	.6	1.0	• 4	• 4	• 5	• 3	• 3	.1	• 1	•0			358	358	 	
78/ 77		.1	. 6	9		. 9	.6	• 5	-5	.2	• 2	1	.0	•	1	1	392	392	38	1
76/ 75		.4	1.1			_	• 3		.4	•5	•1	• 5	١.				463	463	181	
74/ 73	• 0		1.5	1.5	.6	.6	4	.3	.3	.3	.1	.1	• '				471	471	432	1
721 71	• C	_		1.0	• 7		.4		• 5	• 2	• 1						540	540	531	2
73/ 69	.1	1.4	1.8	. 8	.6	. 5	5	.4	. 3	.1	.0	•		, ;			490	490	1	1
8/ 67	• 1		1.8	. 8	8.	. 4	•6		• 2			$\overline{}$					512	512	611	5
6/ 65	• 2		1.2	1.1	. 7		. 4	.1	.2	.0)		j i	.]]	452	452	619	
4/ 63	• 1			7 7 7	.7	•6	. 4		1					\vdash			459	459		
52/ 61	• 2		1.2		. 6	. 4	. 2	• 2	. 5					1			371	371	575	1
50/ 59		1.0		.7	_		• 1	• 0									320	320	472	
3/ 57		.8		.6	. 4	3	. 2	_0				- 1			- 1	1	273	273	509	4
56/ 55	•0	1.1	1.2	.7	• 3		• 1										269	269	445	4
54/ 53		.6	1.4	. 6	. 4	• 1	' Ì		Ìi		'	ĺ					233	233	407	4.
2/ 51		.9		. 4	• 2	• 0											215	215	326	4
50/ 49		.7	. 7	. 4	. 1		i	1	l i			- {	,	[[[138	138	315	3
48/ 47		.6	• 6	. 3	•0												113	113	254	4
46/ 45	• G	. 3	• 3	. 1								1	1				60	60	185	3
44/ 43	• 0	• 2	• 3	• C													46	46	115	2
42/ 41		• 1	. 3	0													30	30	56	2:
13/ 39	• 0	• 1	• 1														21	21	43	1.0
38/ 37	• 0	• 1	• 0														11	11	29	
36/ 35	- 1	• 1	• 0													1	14	14	16	1
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GLGRAL CLIMATOLOGY BRANCH
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13904 BERGSTROM AFB TX

STATION STATION HAME

PSYCHROMETRIC SUMMARY

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PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 201 27 TOTAL .91 - 322 - 013 - 9 9 - 7 8 - 9 7 - 1 6 - 3 5 - 8 4 - 0 2 - 4 1 - 2 7439 7439 7434 Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. 36293007 499783 67.219.107 7439 = 67 F = 73 F = 80 F = 93 F 2 0 F 511235 68.711.161 441.3 287.0 136.9 Dry Bulb 36060439 7439 744 •1 246.2 65.1 8.9 126.0 12.2 28496371 455711 61.3 8.828 7439 744 Wet Bulb 744 24204880 417398

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69,72-83

PORM 0-26-5 (OLA) REVISE MEVIOUS EDITIONS OF THIS

USAFETAC NOW 0

PSYCHROMETRIC SUMMARY

13004 BERGSTROM AFB TX STATION NAME 69,72-80 3030-3260

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Dew Point			i			_ l						l				<u> </u>			<u> </u>			

PSYCHROMETRIC SUMMARY

1 1914 STATION SERGSTROM AFB TX VCM 69,72-80 2000-2200 HOURS (L. S. T.) PAGE ?

Temp.					_	VF1	BULB	TEMPE	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1.2	3.4	5 - 6	7.8	9 . 10	11 . 12	13 - 14	15 . 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	a 31	D.B./W.B.	Dry Bulb		Dew Poi
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Element (X)		Zx'	-	1	ZX		X	- T.		No. OL	s. T				Meen No	. of H	wit wit	h Tempere	lure		
Rel. Hum.			5035		713	75	79.3	13.5	31		00	2 0 F		32 F	e 67 f		73 F	- 80 F	• 93	F	Total
Dry Bulb			6544		477	98	53.1	10.9	63		00			2.1	11.		3.1		1		90
Wet Bulb			2934		449		49.9	11.1	68		00		+	5.2	8.		• 6		 		90
Dew Point			3306		419	33	46.6	12 0	4.2		00		-+-	12.3	5.			 	+		91

POEM 0-26-5 (OL.A) sevisto mevous editions of this folk are obsolete

USAFETAC

PSYCHROMETRIC SUMMARY

13904 STATION BERGSTROM AFB TX 69,72-80 NOV YEARS STATION NAME 9330-0530 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.S./W.B. Dry Bulb Wet Bulb Dow Point 78/ 77 76/ 75 1.0 13 74/ 73 13 . 4 72/ 71 15 15 16 31 12 7 1/ 69 2.0 31 7 65/ 67 44 33 33 28 56/ 65 . 7 1.3 . 2 28 28 31 41 34 28 64/ 63 1.8 34 62/ 61 . 6 1.4 36 36 24 16 32 3,7 47 47 64/ 59 . 4 26 • 3 56/ 57 2.2 . 7 . 2 40 40 51 38 50/ 55 38 3,9 61 61 • 2 . 4 54/ 53 4.0 1.2 60 60 54 45 . 8 64 67 3.0 64 5 -/ 49 2.1 1.9 54 54 43 53 • 1 45 46/ 47 2.4 45 63 48 .2 3.3 1.9 • 7 58 37 45/ 45 66 66 1.1 44/ 43 2.1 55 55 44 47 **5** ე • 2 37 42/ 41 3.1 2.9 61 61 1.3 39 58 4 1/ 39 2.3 39 72 53 52 33/ 37 2.0 1.6 . 2 38 38 12 12 31 35 30/ 35 .9 . 2 34/ 33 .2 1.6 18 18 32 53 23 23 18 34 17 33/ 29 . 4 . 2 6 5 9 . 2 5 30 28/ 27 26/ 25 6 21 2 • 1 • 1 13 24/ 23 5 22/ 21 6 18/ 17 16/ 15 14/ 13 Element (X) Mean No. of Hours with Temperature = 67 F = 73 F = 80 F = 93 F Rel. Hum. Tetal 10F 1 32 F Dry Bulb Wet Bulb

C PORM 0-26-5 (OL.A) REVISED MEYICUS EDITIONS OF THIS P

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BERGSTROM AFB TX
STATION NAME

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Dry Bulb			8904		461	5.0	51.3	1111	42		00	201	- 	4.2	10		2.1		+	+	
er Bulb			2974		434	84	48.5	11.7	76		00		+	6.4		.0	.3	 	+		
Dew Point			4553		730	17	70.3	****	201		00		_	14.6		.7				\rightarrow	

69,72-80

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PSYCHROMETRIC SUMMARY

STATION BERGSTROM AFB TX 69,72-80 PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point . 3 . 1 5 76/ 75 74/ 73 . 9 5 14 14 11 72/ 71 • 3 76/ 69 7 68/ 67 2.2 34 34 45 28 • 1 33 . 8 36 36 38 33 64/ 63 2.0 . 4 . 6 . 2 52/ 61 1.6 1.1 34 34 24 23 4./ 59 2.9 1.0 43 43 31 24 - 6 56/ 57 2.1 32 1.9 56/ 55 2.8 1.1 40 • 2 63 • 6 63 54/ 53 3.4 1.2 1.0 62 62 47 52/ 51 .7 3.1 2.6 53 69 69 61 1.1 52/ 49 . 7 2.6 52 46: 41 43/ 47 .1 2.8 1.2 51 51 63 2.8 49 49 50 36 46/ 45 44/ 43 .1 2.6 3.7 . 7 • 3 • 1 67 67 48 51 42/ 41 54 53 53 53 2.7 4:/ 39 2.1 2.7 50 50 65 53 • 6 49 38/ 37 . 4 28 28 49 35 . 1 26 26 41 36 361 • 1 2.0 • 2 40 17 17 34 34/ 33 • 1 1.2 21 49 32/ 31 24 24 .1 1.9 34/ 29 11 27 11 21 28/ 27 • 1 4 25/ 25 22 12; 24/ 23 13 32/ 21 4 18/ 17 10 15/ 15 14/ 13 10 12/ 11 Element (X) 2 0 F ≥ 67 F = 73 F = 80 F ■ 93 F ± 32 € Rei. Hum. Dry Bulb Wet Bulb Dew Peint

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FORM 0-26-5 (OL.A) BEYNSO REWOUS EDITIONS OF

18.6

SAFETAC POR

4. GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC NOV BERGSTROM AFB TX 69,72-80 YEARS STATION STATION NAME PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint (F) . 9 TOTAL 6.249.728.011.1 3.4 • 1 • 6 900 900 900 MENDUS ğ 0.26-5 Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. 81.513.498 900 10F s 32 F = 47 F = 73 F = 80 F 6145720 73374 50.611.094 47.911.335 Dry Bulb 2416491 45555 900 4.9 8.4 43121 90<u>0</u> 7.4 6.2 Wet Bulb 2181521 Dew Point 1969107

GE .

PSYCHROMETRIC SUMMARY

13904 BERGSTROM AFB TX
STATION STATION NAME

69,72-80

PAGE 1

HOURS (L. S. T.)

																		,			L. S. T.)
Temp.					,			TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.8./W.B.	Dry Bulb	Wet Buib	Dew Poin
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75/ 77				. 6	. 6	. 3	• 2	• 2	.1						1 1			18	18		ļ
76/ 75		. 3	. 8	.4	• 9	. 4	• 1	• 3	<u> </u>		. 3			<u> </u>				33	33	1	
74/ 73		• 1	. 6		- 4	. 4	• 1	.2	• 1		- 1							32	32	13	2
721 71		. 9	. 7	. 7			. 4	•1	. 3						\sqcup			37	37	18	12
70/ 69	• 2	.7	1.0	1.0	.9	.9	• 3	.1	. 1									47	47	34	22
68/ 67	3	6	1.6	. 8	1	. 4	- 3	.6	1			\sqcup			oxdot			51	51	31	17
667 65	.2	1.1	1.2	1.3		• 3		.3	• 2	• 1					1			54	54	42	41
54/ 63		1.3	1.1	1.1	• 3	• 7		.2		• 1								50	50	47	36
62/ 61		1.1	. 8	•9	1.6	• 3	• 8	• 3		• 1								53	53	46	26
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58/ 57	• 1	1.1	1.7	. 4	- 8	1.1	. 4	• 1	• 3		ľ	})]			55	55	47	47
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4 3/ 39			1.1		• 3													14	14	36	51
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GLOBAL GLIMATOLOGY BRANCH
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13904 BERGSTROM AFB TX
STATION NAME

PSYCHROMETRIC SUMMARY

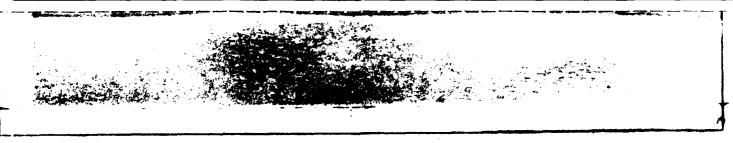
69,72-80 NOV

VEARS

PAGE 3 2900-1100

GE	0900-1160
	HOURS (L. S. T.)

Temp.				_			BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dow Pair
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Element (X)		ZX'			ZX		X	•	\top	No. Ob	•. T			<u> </u>	Meen I	to. of H	ours will	h Tompore	luro		
Ref. Hum.			2075		603	45	67.1				00	⊴ 0	,	32 F	≥ 67		73 F	- 80 F	• 93	•	Total
Dry Bulb		318	6649		526	65	58.5	10.8	00		00			.7	23		9.9				90
Wet Bulb			0880		472		52.5	10.5	71		00			2.6		.7	1.4		1	1	90 90
Dew Point			1474		419		46.6			9	00			13.9		.3	• 2			1	90



GLUBAL CLIMATOLOGY BRANCH USAFETAC Alf Weather Service/Mac

PSYCHROMETRIC SUMMARY

17914 BERGSTROM AFE TX PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 19 11 - 12 13 - 14 15 - 16 17 - 18 19 - 29 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 8/ 87 . 1 -6/ 35 14 14 94/ 83 • 3 . 3 . 9 • 3 . 1 26 26 . 4 • 1 • 1 42/ 81 43 43 9 / 79 2.0 1.1 . 4 . 2 63 63 77 49 49 76/ 75 1.0 47 . 4 1. 1.0 • 3 47 74/ 73 46 46 18 72/ 71 • 3 59 59 37 7 73/ 69 51 46 53/ 67 .2 • 3 . 8 . 8 1.1 . 7 . 1 47 61 14 • 1 66/ 65 51 51 36 36 64/ 63 . 1 36 1.3 62 62 48 50 50 • 1] 1.1 1.2 . 3 . 6 1.0 . 6 50 50 41 62 53/ 57 . 6 <u>• 2</u> . 6 1.2 41 41 46 38 55/ 55 . 3 1.4 . 4 40 49 • 1 . 2 • 6 40 66 • 8 54/ 53 . 4 39 39 46 • 6 -/ 51 • 7 • 7 .9 . 2 30 30 54 27 • 6 1 44 . 1 • 6 . 3 22 22 44 62 45/ 47 1.1 • 1 • 6 24 24 56 30 15 34 46/ 45 15 . 8 44/ 43 21 21 45 58 • 3 . 4 21 41 29 11 4 1 39 34 36/ 37 22 41 16/ 35 46 . 2 2 2 8 34/ 33 29 2/ 31 11/ 29 20/ 27 38 26 16 0/ 25 24/ 23 6 12 Element (X) Mann No. of Hours with Tomperature Rel. Hum. ± 67 F = 73 F = 80 F = 93 F 10F 1 32 F Total Dry Bulb

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AC roam 0-26-5 (OLA) sevide revous remons or mis roam a

Wer Bulb Dew Paint 14 GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC STATION BERGSTROM AFB TX 69,72-80 STATION NAME 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31

D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) 21/ 19 14 15/ 17 10/ 15 14/ 13 12/ 11 4 1 4/ 9 900 900 7.211.310.415.414.815.3 8.2 4.7 2.6 1.2 TOTAL 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature = 47 F = 73 F = 80 F = 93 F Rei. Hum. 900 2913048 48152 53.519.356 5 0 F s 32 F Dry Bulb 3990851 58989 65.511.769 900 44.7 29.0 900 49968 17.2 2.8 2872338 55.510.447 • 9 Wet Bulb Dew Paint 2124640

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PSYCHROMETRIC SUMMARY

STATION STATION AFB TX PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.8. Dry Bulb Wer Bulb Dew Point 38/ 87 • 1 . 2 6/ 85 • 6 18 . 3 84/ 83 • 8 31 31 . 7 1.4 . 4 1.3 54 54 9./ 79 • 1 . 6 1 . 4 1.6 1.3 60 60 • 3 • 1 73/ 77 . 9 5 **3** 1.4 1.2 76/ 75 . 2 1.1 • 6 1.0 . 8 1.1 50 50 46 46 721 71 1.3 1.6 . 3 1.2 • 2 35 .6 63 63 71/ 69 • 6 • 9 58 58 49 1.1 55 68/ 67 . 1 . 7 1.1 40 25 • 1 • 9 40 • 1 . 9 28 . 8 66/ 65 1.0 37 37 61 37 64/ 63 . 4 • 6 1.6 56 56 43 37 627 61 56 56 42 63/ 59 . 7 . 1 . 4 • 9 • 3 • 2 . 4 • 3 32 32 71 5 C . 7 55/ 57 39 • 6 38 38 49 56/ 55 1.0 34 64 38 c 4/ 53 38 40 • 3 52/ 51 . 6 24 24 51 31 • 2 . 2 53/ 49 27 27 46 48 48/ 47 19 28 1.0 • 1 19 56 17 46/ 45 • 3 17 55 48 . 8 . 3 44/ 43 17 36 38 17 • 6 42/ 41 35 52 43/ 39 41 18 • 3 38/ 37 23 38 36/ 35 13 45 30 34/ 33 32/ 31 42 33/ 29 18 28/ 27 15 <u>1</u>0 26/ 25 14 24/ 23 Element (X) Rel. Hum. 2 0 F 5 32 F # 67 F # 73 F = 80 F # 93 F Tetal Dry Bulb Wet Bulb Dew Paint

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69,72-80

PSYCHROMETRIC SUMMARY

13 VC4 PERGSTROM AFB TX
STATION NAME
STATION NAME

69,72-80

PAGE 2

Temp. (F) 0 2 / 19 16 / 17 1 0 / 15 14 / 13 1 2 / 11 1 / 9 0 / 7 Y(TAL	6.4	5.0			9 - 10		13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30		TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	6 10 7
2 c/ 19 16/ 17 16/ 15 14/ 13 12/ 11 1 J/ 9								13 - 16	,, - 16		21 - 22									6 10 7
16/ 17 16/ 15 14/ 13 12/ 11 15/ 9	6.4	5.0	9.9	10.7	10.7	17.9														10 7 3
1 o / 15 1 4 / 13 1 2 / 11 1 3 / 9	6.4	5.0	9.9	10.7	10.7	17.9														
14/ 13 12/ 11 13/ 9	6.4	5.0	9.9	10.7	10.7	17.9						l								
12/ 11 13/ 9	6.4	5.0	9.9	10.7	10.7	17.9								- +		\longrightarrow				
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Element (X)	Z _X ,	-+		ž X		¥	7,		No. OL	s.	<u> </u>	-		Mean No	of Hou	ers with	Temperat	ure		
Rel. Hum.		0115		460	87	51.2			_	00	± 0 F		32 F	≥ 67 F		73 F	- 80 F	× 93 1	F	Total
Dry Bulb		4010	-	598	04	66.5	11.0	38		00				48.		2.1				90
Wet Bulb		0157	-	501	50	55.7	10.2	53		00			.9	16.		2.6		+		9.0
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PSYCHROMETRIC SUMMARY

Temp.							BULB .											TOTAL		TOTAL	
(F)	_ 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Pai
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30/ 79				.1	. 3	.1			.1							L		6	6		
73/ 77			• 3	- 8	• 3	• 2	• 3	• 3		}					}	[23	23		
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63/ 67		. 8	1.0	1.1	1.6	.6	. 4	. 2				. 1		-				52	52	34	
66/ 65		.4	• 6	1.9	1.1	• 6	1.0	• 1	. 1									52	52	36	3
64/ 63		.1	. 6	1.8	1.0	. 8	1.1	. 3		• 2]	l		ľ	53	5.3	64	
1 2/ 61		1.7	1.4	. 4	1.2	1.1	. 9	• 3										64	64	38	
65/ 59	• 3		2.0			1.4	. 3	. 2	. 1	. 1							1	62	62	62	
53/ 57		• 3	• 6					• 2										48	48	51	
56/ 55	• 3	.2	. 8	1.7	1.8	.6	. 4	. 2	. 1					} :			}	5 5	55	49	
54/ 53		1.0	. 7	1.2	Ģ		• 3	• 3										48	48	55	
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5./ 49	• 3	1.1	1.4	. 8	1.2	.7	.6											5 5	5.5	65	
45/ 47		• 7	.6	1.4	1.0	. 8	• 2	• 1										43	43	55	5
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44/ 43		1.1	. 9	. 7	. 1	. 4	• 2					l]				31	31	37	
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Element (X)		Z X'			ž X		X	·,		No. Ob	e				Mean t	lo. of H	ours with	Temperat	ure		
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Dry Bulb																					
Wet Bulb																					
Dew Paint													1					I			

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PSYCHROMETRIC SUMMARY

STATION SERGIT AFB TX
STATION STATION NAME 69,72-80 1800-2600 HOURS (L. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 1 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 14/ 13 _/ 11 10/ 9 8 7 7 OTAL 1.811.016.423.119.713.5 8.9 2.9 1.8 897 897 897 Element (X) ±67 F = 73 F = 80 F = 93 F Rel. Hum. 3972964 3275761 64.317.230 59.510.626 = 0 F ± 32 F 57664 897 Dry Bulb 53363 897 26.6 11.2 Wer Bulb 2602024 47418 52.910.317 897 2.0 9.2 1.1 .4 Dew Point 897 5.0 2098767 41725 46.513.274 13,4

FORM 0-26-5 (OL.A) NEVISE PREVIOUS EBITOMS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

174 GERGSTROM AFB TX
STATION STATION NAME 69,72-80 YEARS 21 18-23 LC HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.8. Dry Bulb Wet Bulb Dew Point 70/ 77 76/ 75 74/ 73 13 . 3 21 .8 1.1 • 1 21 8 29 74/ 71 7 7./ 69 .6 2.3 29 19 • 3 40 40 1 67 39 39 19 66/ 65 .6 1.7 2.2 . 1 . 1 46 46 28 41 4/ 63 **33** 42/ 61 2.2 1.7 • 2 53 38 28 • 1 _/ 59 5**5** 55/ 57 .2 1.7 2.0 1.3 . 4 6 D 60 43 • 1 5 o/ 55 1.1 1.9 2.2 . 7 60 60 54 4/ 53 1.3 1.2 1.8 . 1 • 1 45 45 39 5ε 1.1 58 42 .3 1.3 3.0 2.2 1.2 55/ 49 3 د 57 57 v o/ 47 50 50 62 49 46/ 45 49 64 62 1.8 1.8 1.1 • 8 1.9 55 59 44/ 43 1.3 1.7 42 32 5 . 45 32 42/ 41 1.3 4 1/ 39 • 1 . 9 . 4 42 39 i 18 18 73/ 37 . 7 .8 . 6 19 19 46 42 36/ 35 15 18 42 . 8 • 6 34/ 33 • 3 13 13 24 29 • 2 8 75/ 29 28/ 27 2.8 7 17 26/ 25 • 1 16 24/ 23 72/ 21 75/ 19 11 15/ 17 16/ 15 14/ 13 Element (X) Mean No. of Hours with Temperature 167 F 173 F 180 F 193 F Rel. Hum. 40 F ≤ 32 F Total Dry Bulb Wet Bulb

AFETAC FORM 0.26-5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OR

PSYCHROMETRIC SUMMARY

17904 BERGSTROM AFB TX
STATION STATION NAME NOV 69,72-80 YEARS MONTH 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | * 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 0/ 2.125.932.824.2 9.9 3.5 1.2 897 TAL 897 897 Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. 5179707 66971 74.714.157 897 ±67 F = 73 F = 80 F = 93 F 5 0 F 1 32 F 49276 54.910.739 Dry Bulb 2810268 897 1.4 14.8 4.0 .9 8.1 Wet Bulb 45583 50.810.863 2422125 897 4.0 Dew Point

USAFETAC FORM 0.26-5 (OLA) NEVISIO REVIOUS EDITIONS OF THIS FO

PSYCHROMETRIC SUMMARY

STATION NAME 69,72-80 NOV PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 21 6/ 87 . 0 -6/ 85 . 1 34/ 83 • 1 . 1 . 2 • 0 • 0 • 1 • 1 57 57 42/ 81 100 100 <u>. 2</u> .0 . 2 • 1 • 5 • 3 • 3 • 1 154 70/ 77 154 . 4 . 3 • 3 . 1 206 19 701 • 5 .6 • 2 . 1 .0 206 74/ 73 .0 222 78 . 3 • 0 72/ 71 . 4 278 162 54 . 7 • 2 278 • 6 • 1 751 69 354 354 142 • 5 322 322 344 179 Lc/ 67 1.1 • 2 • 3 • 3 • 1 300 66/ 65 326 326 54/ 63 1.0 . 8 . 8 . 4 • 6 • 3 • 2 . 2 360 360 339 253 6./61 388 388 277 217 59 415 415 399 297 19/ 57 .7 <u>.</u> ol 1.4 374 374 389 309 1.0 . 6 50/ 55 . 2 1.5 1.3 1.0 • 5 • 2 . 1 • 0 431 431 423 384 54/ 53 411 411 386 429 52/ 51 1.4 1.6 • 6 • 2 396 396 465 347 • 1 50/ 49 404 404 427 351 43/ 47 . 8 1.0 . 6 • 2 312 312 491 341 • 0 1.6 . 1 40/ 45 1.5 1.2 317 317 460 360 44/ 43 1.5 327 327 341 399 1.5 . 1 • 1 42/ 41 241 390 373 1.3 40/ 39 369 168 168 351 1.0 38/ 37 344 131 283 36/ 35 177 315 • 6 • 3 77 97 97 34/ 33 147 297 • 3 72 72 72/ 31 116 275 28 28 77 184 76/ 27 . 1 14 14 43 155 25/ 25 9 9 114 74/ 23 89 Element (X) Heen No. of Hours with Rel. Hum. 4 0 F 1 32 F Dry Bulb Wet Bulb Dew Point

POBM 0-26-5 (OL.A) REVISE PREVIOUS ENTITORS OF THIS FORM ARE OSLOLET

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SAFETAC 1084



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1794 BERGSTROM AFB TX (F) ~ _/ 19 13/ 17 16/ 15 14/ 13 1./ 11 E1 7

USAFETAC

GLOBAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Sulb Wet Bulb Dew Point 58 77 65 TAL 7194 7194 No. Obs. Mean No. of Hours with Temperature Element (X) 37190184 69.119.879 = 67 F = 73 F = 80 F Rel. Hum. 497088 7194 14.0 188.1 92.6 26.9 720 7194 Dry Bulb 24919478 413698 57.512.530 7194 29.4 82.3 9.7 Wet Bulb 20134953 372059 51.711.141 7194

69,72-80

0-26-5 (OL A)

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PSYCHROMETRIC SUMMARY

17974 STATION	BE	RGST	ROM	AFB	ŢΧ					<u>68-</u>	69.7	2-79								D	E C
STATION				51	TATION N	AME								Y	EARS					MC	NTH
																		PAG	E 1	HOURS	-0200 L. S. T.I
Temp.						WET	BULB 1	TEMPER	ATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7.8								23 . 24	25 . 26	27 . 28	29 - 30	= 31	D.B./W.B.	Dry Bulb		Dew Pein
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45/ 47		1.9	2.2	1.3	1.2	• 1												62	62	48	21
46/ 45	l	1.7	2.5		. 4	. 1						1				i		65	6 6	49	28
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35/ 37		2.3	2.2	1.2	• 3						l			ļ	į į			5 5	55	64	58
76/ 35	• 2	1.7	2.3	1.0	• 1													49	49	72	71
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32/ 31	. 2	1.7	. 8	. 8	• 1													33	33	49	78
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Element (X)		Z X '		-	z _X		X	₹ 8	-	No. O	8.							h Temperat			
Rel. Hum.									+			: 0 1	- -	1 32 F	≥ 67	F *	73 F	- 80 F	+ 93 1	<u> </u>	Tetal
Dry Bulb						+-			+				-+-		 	\rightarrow		├	+		
Wet Bulb Dew Point						\dashv				_			\dashv		+	+-		 	+		
Dem Point													L			L		<u> </u>			

GLUBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13984 BERGSTROM AFB TX STATION NAME 68-69,72-79 PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1 . 2 3 . 4 5 - 6 7 - 8 9 - 10 11 - 12 13 . 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.8/W.B. Dry Bulb Wet Bulb Dew Point /د 927 4.436.033.515.5 7.3 1.7 930 CTAL 927 927 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 69547 75.015.809 43147 46.410.045 39819 43.010.398 5449115 1 32 F = 67 F = 73 F = 80 F Dry Bulb 930 3.1 1.5 6.5 2095523 Wet Bulb 1810523 927 14.1 1519426

51.0

PSYCHROMETRIC SUMMARY

BERGSTROM AFB TX
STATION STATION NAME 68-69,72-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 7 / 71 7./ 69 6 5*5/* 67 24 66/ 65 1.3 • 6 18 18 9 ÷4/ 63 1.0 14 14 £ ./ 61 1.4 15 15 11 19 1.9 30 24 · ε/ 57 .2 2.3 29 18 . 8 19 19 4/ 53 • 3 .6 1.9 38 38 28 16 1.4 . 4 1 / 49 1.6 1.4 36 59 36 43/ 47 3.0 35 . 1 46/ 45 2.7 2.4 70 68 46 27 44/ 43 2.5 3.1 1.4 71 72 55 33 42/ 41 .4 2.3 4.0 1.5 76 76 69 32 3.1 65 65 86 52 3.6 2.7 2.2 2.9 71 71 82 52 36/ 35 71 60 60 7.1 34/ 33 .3 3.1 1.9 • 6 56 56 61 75 2/ 31 2.3 1.7 1.1 48 48 62 65 2-/ 29 1.3 1.2 25 25 52 62 20 3/ 27 1.1 zol 34 59 15/ 25 • 6 25 **5**2 22/ 21 18 ار ا 18/ 17 15 14/ 13 15 Element (X) Rel. Hum. +67 F = 73 F = 80 F = 93 F 10 F Dry Bulb Wer Bulb Dew Peint

USAFETAC NAME 0-26-5 (OLA)

att .

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC BERGSTROM AFB TX
STATION NAME 68-69,72-79 υEC STATION MONTH 0330-0503 HOURS (L. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Paint (F) TOTAL 7.143.831.013.1 3.5 1.5 • 1 930 927 927 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 5814662 =67 F = 73 F = 80 F = 93 F 72184 77.914.467 2 32 F

930

927

10.8

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• 3

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93

44.510.48

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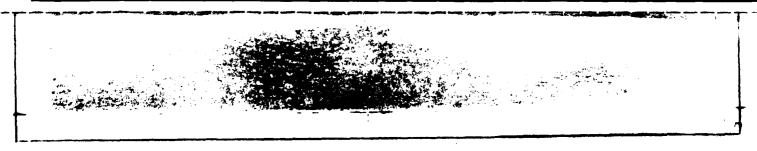
Dry Bulb

Wet Bulb

Dew Point

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Paint
74/ 73			. 1										Γ				[$\frac{1}{1}$	1		
7./ 71		•1	L							<u> </u>		Ĺ	l	<u> </u>		<u></u>	<u>L</u>	1	1	1	<u></u>
7./ 69		• 2	.2			1												4	4	3	i
68/ 67	• 3	1.2	.9			<u> </u>			<u> </u>	l	l	l	l]			<u></u>	22	22	_ 6	<u> </u>
66/ 65		1.4	.9						Ī									21	21	17	
: 4/ 63	• 3	• 2															<u> </u>	5	5	25	19 23
12/ 61	• 3	1.3	.2					• 1										18	18	8	23
6./ 59	1	3.5	-1														L	35	35	24	
En/ 57	• 9	1.1						• 1	•									19	19	35	37
5-/ 55	. 4	.6	. 5															15	15	12	15
F4/ 53	1.1		.6	• 3			• 1		Ī	l	1						_	44	44	20	17
52/ 51	. 8		1.0		• 2	.1		- 1					L					39	39	35	
5./ 49	1.0		2.1		• 5	• 2						[]	54	54	30	39
45/ 47	- 1	2.2	1.1	• 5	. 1	• 5												42	44	31	25 25
40/ 45	. 1	3.2			• 6	• 1			,	}								83	84	44	25
L4/ 43	• 2	3. ü			• 3										l		L .	65	65	5.2	43
12/ 41	. 4	3.7			. 3													8.2	62	32	
4:/ 39	ع.	2.4	2.7															62	62	77	
30/ 37	• 2	3.2		• 9														59	59	84	
36/ 35	1.0		2.7]			L									6.5	65	67	
34/ 33	• 1			1.3														63	63	67	
12/ 31		2.8													Ĺ			47	47	63	
30/ 29		2.2	. 9	. 4														32	32	42	
20/ 27	. 4	1.6	1.2	• 2														32	32	44	
5/ 25	1	• 6	• 2	. 1			l											9	9	29	_
24/ 23				• 2														2	2	16	34 29
2/ 21		• 3		l														3	3	5	29
Ju/ 19	• 1	. 2																3	3	. 7	22 15
18/ 17	1	ı i		i	Ì		1						1		i 1					1	15
10/ 15				L																	8
14/ 13	İ						}	1							J				1		14
12/ 11																					<u>£</u>
15/ 9	i					l	ļ	,				ļ							·		2
2/ 1		لــــــا																			i i
Element (X)		Σχ'			,		1	· ,		No. Ob	9.						urs with	Temperet			
Rel. Hum.												201	<u>' </u>	32 F	≥ 67	<u> </u>	73 F	▶ 80 F	· 93 f		Total
Dry Buib																					
Wet Bulb							1														
Dew Point	_					_1									ļ						



PSYCHROMETRIC SUMMARY

Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 79.114.427 43.710.501 41.110.857 927 ± 32 F = 67 F = 73 F = 80 F = 93 F 5990004 73308 1 0 F 1881336 2.8 Dry Bulb 40674 930 12.8 38076 20.8 93 Wet Bulb 1673102 1.0 93



F26-5 (OL. A) sevisto mevious fortions of this folkin alle oksour

ETAC 1014 0-26-5 (OL A)

7.3

PSYCHROMETRIC SUMMARY

1/9/14 BERGSTROM AFB TX 68-69,72-79 VEARS MONTH
PAGE 1 5900-110 HOURS (U.S. Y.)

Temp.		-				WET	BULB	EMPER	LATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7.8								23 . 24	25 . 24	27 - 28	29 . 30	31		Dry Bulb		Dew Poin
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05/ 67		• 3		• 1	5	•1	.2	• 1	 	1	 	┼	 		 	 	 	29	29	12	
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4/ 63	• 1			• 3	• 2	• 3	. 3	• 3	.2		 	 	}	 	 	 	 	30	30	24	21
52/ 61	. 4	1.5	9	. 8	.3	4	5.	- 1	.3		ĺ		1		1	1	}	49	49	21	27
tu/ 59	. 1			.4	• 1	• 5		• 2										49	49	37	
: 2/ 57	• 5	.9			. 8	.8	.2	. 2	1	1	1)	1	1	1	1	}	48	48	34	34
50/ 55	• 5		1.4	. 5	1.1	1.0		• 2		\vdash		\vdash	_		†	\vdash		63	63		
547 53	•1	1.8	1.0		1.5	1.5	. 8			l	l		l	1]	ł		76	76	38	29
52/ 51	. 4						.5	• 1		1		1			1	1	1	60	60	52	
= 1/ 49	. 4	1.0			2.2	1.1	.5			ł	l	l	1	1		Į	l	81	81	58	35
45/ 47	. 4	1.2	1.5	1.6	2.0	• 5		• 2								<u> </u>		70	70	53	
45/ 45		1.8	1.7			. 4	.1		ļ	Į.	ľ	į	}	1	1	1		68	68	73	27
-4/ 43	• 1	2.6	1.1		.6	. 4	• 1								1			56	56	98	27
62/ 41	• 1		1.3		• 9	_ • 3				<u> </u>	j	Ì)]	}	Ì	1	5.3	5.3	94	49
4 / 39	• 3	2.0	1.2	. 9	1.	• 3								1				53	53	82	
35/ 37	• 1	• 6	.6			<u> </u>			l	i _	ľ	l		1	1		1	24	24	54	
16/ 35	• 1	• 3	• 8	. 8	• 2							}	T					20	20	39	7.0
34/ 33		• 3	• 3	• 5	• 6					İ		L	<u> </u>		<u> </u>		ł	17	17	26	62 56
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'0/ 27		• 1		• 2							1		Ī		1			3	3	10	3 د
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18/ 17							<u> </u>			├		<u> </u>	ļ		├		ļ				18 5 7
16/ 15				ÌÌ						ĺ		l			I						5
14/ 13													 -		!	<u> </u>					7
12/ 11		i	l]				[1	I		1					ļ	17
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Rel. Hum.			+			-+						± 0	<u> </u>	: 32 F	* 67	F *	73 F	≥ 80 F	* 93 (<u> </u>	Total
Dry Bulb						$-\!\!\!\!\!+\!\!\!\!\!\!-$			_						├ ──	-			 		
Wer Buib																			 		
Dow Point							اـــــــــــــــــــــــــــــــــــــ								ــــــــــــــــــــــــــــــــــــــ						

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USAFETAC 100m

USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC BERGSTROM AFB TX
STATION NAME 63-69,72-79 DEC 79_0-1100 HOURS (L. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Peint Temp. ./ 1 3.924.721.Ch8.115.4 9.2 4.4 1.7 1.2 930 930 Element (X) Mean No. of Hours with Temperature No. Obs. 67.819.960 50.9 9.777 Rel. Hum. 4650619 2500190 ≥ 67 F = 73 F = 80 F • 93 F

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2042773

1618781

42607 45.8 9.885

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1 32 F

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9 <u>3 :</u>

GLOBAL CLIMATOLOGY BRANCH

0-26-5 (OL A)

Dry Bulb

Wet Bulb

PSYCHROMETRIC SUMMARY

STATION SERGSTROM AFB TX
STATION NAME 68-69,72-79 1200-1400 HOURS (L. S. T.) PAGE I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.8./W.B. Dry Bulb Wet Bulb Dew Point 38/ 87 1/ 81 • 2 2 4 / 79 7 7 72/ 77 • 2 10 10 • 1 • 2 . 1 • 3 . 8 19 19 . 8 -4/ 73 • 5 . 8 • 1 35 35 • 6 • 1 72/ 71 .0 51 51 1 69 • 3 • 5 • 2 49 49 • 6 • 5 • 6 • 8 • 6 • 6 E3/_67 . 8 **1.**0 • 5 72 72 66/ 65 • 3 . 8 . 8 • 5 . 1 56 56 41 54/ 63 . 9 . 8 . 9 5 **5** 55 4 0 . 6 • 6 • 3 621 61 1.2 . 1 . 4 . 8 . 9 1.2 59 59 42 <u>59 /نات</u> 70 76 53 . 3 1.5 1.9 55/ 57 . 6 • 3 1.6 67 67 2 t . 4 1.7 56/ 55 . 5 62 62 45 46 • 5 • 1 54/ 53 . 6 1.0 . 8 1.8 56 56 37 £ 2/ 51 1.2 55 55 74 1.0 • 5 FU/ 49 . 6 1.5 • 1 1.7 . 4 40 40 34 55 45/ 47 . 4 • 9 1.1 29 29 77 . 3 • 3 • 3 46/ 45 . 4 • 5 • 6 24 24 86 34 44/ 43 1.3 . 3 • 5 31 31 42/ 41 30 1.3 • 6 • 2 • 6 • 3 30 54 40/ 39 . 6 . 8 17 17 47 42 38/ 37 . 6 11 11 33 ò -⁷6/ 35 6 6 34/ 33 • 3 . 4 . 1 8 8 1 ხ 32/ 31 17 33/ 29 54 42 26/ 27 26/ 25 24/ 23 2/ 21 26 17 Element (X) Z z Meen No. of Hours with Temperature Rel. Hum. ± 67 F = 73 F = 80 F Dry Bulb Wer Bulb Dew Paint

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FORM 0-26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS FORM A

SAFETAC

SEUSAL CLIMATOLOGY BRANCH LIAFLIAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1954 BERGSTROM AFB TX
STATION NAME 68-69,72-79 PAGE " WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

O 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.8_/W.B. Dry Bulb Wet Bulb Dew Point -/ 13 1 / 11 14 ٥/ 930 T TAL 1.312.3 9.2 8.413.216.016.1 9.2 8.3 3.4 2.0 X Z Mean No. of Hours with Temperature Element (X) Zx' No. Obs. ≠73 F = 80 F = 93 F 3141566 3303579 50078 53.821.886 54557 58.710.534 930 930 Rel. Hum. 50078 ≥ 67 F 24.8 7.6 1.0 Dry Bulb Wet Bulb 2384775 46229 49.7 9.666 930 3.6 2.9

37161 40.013.909

₹ (O 0.26.5

Dew Point

1664597

PSYCHROMETRIC SUMMARY

1704 GERGSTROM AFB TX 68-69,72-79
STATION STATION NAME YEARS

PAGE 1 1535-17

Temp.	,					WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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4/ 83		1 . !						1	• 1	1 .1	1	1		1	1	ĺ	1	3	3		1
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4/ 73				• 2	- 4	. 6	1.8	- 1	. 4	.2		• 1						37	37	3	
7-/ 71			•5	. 4	. 9	. 6	1.9	.3	1.1	.5	.8	. 4					L	<u> 70</u>	70		l
7 / 69			. 1	. 6	. 4	1.2	• 6	.9	1.0	. 8	• 2	Ī]			54	54	i 1	
30/ 67	• 1		1.4	• 1	• 5	• 3	. 3	• 9	1.4	.6	8.	• 1		L				61	61	_ 17	L
56/ 65	. 2	. 3	. 4	. 9	• 2	• 2	• 6	.8	1.4	1.0	• 4			1				60	60	25	1
£41 63		• 5	. 1	. 1	. 4	. 3	. 8	1.5	1.4	.6	. 1							56	56	58	<u> </u>
c 2/ 61	• 3	• 8	• 2	• 6	. 4	• 9	1.5	1.7	. 8	. 5								72	72	51	
(i/ 59		• 3	• 3	• 6	• 6	. 9	1.1	1.3	1.3	. 4	. 1							65	65	46	3
5 5/ 57	• 1	• 1	• 2	. 4	. 4	1.0	1.3	2.3	. 6	• 3								63	63	37	
56/ 55		• 8	• 1	• 3	• 5	1.3	1.5	_ • 9		.1			_					54	54	48	_ 4
14/ 53		1.7	. 8	• 6	• 3	1.1	1.4	• 9	• 1									64	64	5.5	4
52/ 51		. 4	• 9	• 2	. 4	. 4	. 8	. 3	• 3					<u> </u>				35	35	79	
56/ 49		- 1	• 5	• 2	• 6	• 3	• 3	. 4										24	24	34	2
40/ 47		.4	• 5	• 1		• 9	• 8											28	28	79	
46/ 45		- 4	• 9	• 9	• 2	• 5	• 2]			29	29	76	3
64/ 43		• 6	• 2		• 2	. 4	• 1							<u></u>				15	15	56	
42/ 41		1.3	. 2)	- 4	• 6	• 2				1	· •		Ì	i)			26	26	54	
46/ 39	• 1		• 2		• 3	. 4												20	20	4.5	
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Element (X)		Z _X '			z x		X	**		No. Ob	•							h Tempere			
Rel. Hum.						-+-						201	<u>`</u>	32 F	2 67	<u> </u>	73 F	- 80 F	• 93 F	-	Tetal
Dry Buib								ļ							 			 	+		
Wet Bulb						_1		L	L_		. 1	_	ì]	i		I	1	l	

C FORM 0-26-5 (OLA) REVISE REVIOUS ENTE

USAFETAC 1084 A.2

GLOBAL CLIMATOLOGY BRANCH UNAFETAC ATR WEATHER SERVICE/MAC 1/304 BERGSTROM AFB TX
STATION STATION NAME

PSYCHROMETRIC SUMMARY

68-69,72-79 YEARS

PAGE 2

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow P
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USAFETAC NOM 0.26-5 (OLA) annae manous senions of mas

PSYCHROMETRIC SUMMARY

17974 BERGSTROM AFB TX 68-69,72-79 DEC MONTH
STATION STATION NAME PAGE 1 1670-2003

Temp.				-		WET	BULB .	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 . 8								23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb		Dew Poi
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6/ 65		. 4	1.5		• 5	• 1	. 4	• 2	. 2	• 1					Γ			39	39	12	
4/ 63	. 3	_ 5	.6	9	. 6	.6	. 4			.2							_	41	41	37	1
: 2/ 61	. 1	1.1	.8		. 4	.6	.6	. 4	. 4	- 1								53	53	30	
4 / 59		.9	2.0			.5	. 9	• 5		•1					<u></u>			64	64	33	39
5 5/ 57	• 3	.9	1.1	. 9	• 5	- 8	1.4		• 2	1))]]]			56	56	38	3 9
50/ 5 5	1	. 4	.4	1.2	1.9	2.0	1.7	. 2	• 1		L				1			76	76	51	2.9
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Rel. Hum.												1 0 F	9	32 F	× 67 (<u>. I</u>	73 F	▶ 80 F	• 93 [Tetel
Dry Bulb															L				<u> </u>		
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Dew Point						!.										<u> </u>		L	L		

USAFETAC NOW 0-26-5 (OL.A) NIVISO INVIDUA SONION OF THIS YOUR ARE OMOUSES

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PSYCHROMETRIC SUMMARY

13934 BERGSTROM AFE TX
STATION NAME 63-69,72-79 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 9 7 5 **ن/** 4/ 93u 2.213.116.718.821.314.4 9.1 2.3 1.4 930 CTAL 930 930 Mean No. of Hours with Temperature Element (X) 930 ±67 F = 73 F = 80 F 61.419.313 1 32 F - 93 F Rel. Hum. 57127 3855649 Dry Bulb 49526 53.3 9.287 930 8.5 2717570 43496 46.8 9.465 930 5.6 1.7 Wet Bulb 2117526 31.0 Dew Paint 36394 39.113.138 1584570

USAFETAC FORM 0-26-5 (OL.A) REVISE INTRODUS EDITIONS OF THIS FOLM ARE OMOUTE

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PSYCHROMETRIC SUMMARY

STATION BERGSTROM AFB TX
STATION NAME 68-69,72-79 YEARS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Buib Wet Buib Dew Point 16/ 75 7 / 69 13 13 3 1.1 • 1 5 5/ 67 20 20 (o/ 65 25 .1 1.7 • 6 • 1 25 19 13 .8 - 4/ 63 20 20 16 - 21 61 1.2 • 1 . 1 27 27 19 19 29 59 45 45 25 57 2.4 2.5 . 4 .5 . 4 66 66 27 23 46 46 4/ 53 1.0 1.1 52 52 51 67 67 49 1.1 1.8 32 2.2 1.0 68 68 45/ 47 1.4 2.0 2.5 69 57 69 1.9 2.0 45/ 45 2.2 1.2 69 69 35 • 1 61 : 4/ 43 . 9 . 9 3.4 2.4 81 81 27 36 4.21 41 1.9 1.8 2.6 1.2 72 74 38 2.7 43/ 39 1.2 1.1 56 53 38/ 37 1.5 1.2 . 9 39 39 • 6 64 65 o/ 35 £ <u>3</u> . 8 1.3 30 30 62 34/ 33 1.0 . 4 1.0 • 1 29 29 58 55 17 12/ 31 . 8 17 31/ 29 • 1 31 6. 28/ 27 47 16/ 25 32 4/ 23 12/ 21 25 1 19 18/ 17 . 4/ 13 12/ 11 1 1 Σχ' Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10F ± 32 ₽ ≥ 73 F Dry Bulb Wer Bulb

AC NOW 0-26-5 (OLA) service revious certious of this house are obsole

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PSYCHROMETRIC SUMMARY

15904 BERGSTROM AFB TX
STATION STATION NAME

68-69,72-79

DEC

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2136-23.61

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Temp.						WET	BULB	TEMPE	RATURE	DEPR	ESSION	(F)						TOTAL	L	TOTAL	
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Element (X)		Zz'	L	 	Zz	1	I	•		No. 01)s.				Mean P	te. of H	ours wid	h Tompere	ture	L	
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Wet Bulb			6232		417	4.4	44.6	6.6	80		28			8.9		•9	, ,	†	+		Š
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5TATION STATION STATION NAME 68-69,72-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point .0 • 0 . 0 6 6 19 19 . 0 .0 • 0 .0 • 0 .0 .0 • 0 • 0 • 1 • 1 . 1 31 31 .0 61 61 • 0 • 1 • 1 • 2 • 3 • 0 • 2 • 1 .0 •0 85 85 159 159 17 7 / 69 36 .6 • 2 • 1 . 2 • 2 174 174 • 1 66/ 67 287 287 97 66/ 65 • 3 182 264 264 83 44/ 63 235 235 241 131 £27 61 • 2 1.2 • 5 309 309 197 207 264 198 1.7 395 395 58/ 57 387 387 265 375 56/ 55 • 2 1.0 . 9 . 8 375 . 6 271 242 54/ 53 . 4 1.7 . 8 • 7 459 459 331 239 F 2/ 51 425 259 1.2 425 371 1.0 1.4 1.0 • 3 447 447 397 262 48/ 47 422 424 46/ 45 1.6 1.7 463 509 243 • 0 1.6 • 1 459 44/ 43 1.7 2.0 461 464 1.2 42/ 41 2.0 447 598 322 • 1 1.7 449 1.3 • 6 • 3 1.7 431 4 1 39 370 370 587 1.4 38/ 37 280 280 461 451 4.06 524: 36/ 35 259 259 34/ 33 1.3 .7 . 1 244 244 335 501 502 22/ 31 165 165 297 • 5 30/ 29 85 85 216 404 394 148 26/ 25 29 24/ 23 46 22/ 21 14 183 Element (X) Mean No. of Hours with Temperature Dry Bulb Wer Bulb Dew Point

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PSYCHROMETRIC SUMMARY

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BERGSTROM AFB TX 68-69,72-79 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 14/ 17 132 15/ 92 14/ 13 59 1.7 5 21 OTAL 4.026.522.314.310.2 7.9 6.1 3.5 2.8 1.4 7440 7429 7429 7429 ZX' No. Obs. Element (X) Rel. Hum. 497355 66.921.016 7429 ± 67 F = 73 F = 80 F = 93 F 36577615 1 32 F 20241474 Dry Bulb 378232 50.811.670 7440 36.1 83.0 21.0 744 744 Wet Bulb 45.310.566 .3 16104423 336867 7429 83.0 15.3 12486001 744

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0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

BERGSTROM AFE TX 68-70,72-87 STATION STATION NAME PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point •0 5/135 • 0 4 4/103 .0 • 0 17 17 12/131 • 0 • 0 67 67 • 5 • 0 0/ 99 232 232 26/ 97 • 0 • 1 • 0 506 506 05/ 95 . 0 . 0 • 0 872 872 94/ 93 .0 • 0 .0 1262 1262 . 1 . 1 1764 1765 91 . 0 .0 • 0 9:/ 89 • 1 • 6 . 1 .0 • 0 • C .0 2118 2118 • 0 2259 2259 88/ 87 •0 • 0 2606 2606 2792 2792 861 • 0 • 2 • 9 • 5 • 2 • 0 •0 • 0 • 0 85 • 1 • 0 • 1 83 . 8 . 8 .0 • 0 • 0 84/ . 4 • 0 • 2 1.3 • 5 . 2 .0 • 0 3317 3317 1 3 821 81 . 7 • 2 • G • 1 • 1 • 1 .0 4090 4090 70/ 77 • 5 1.5 • 7 • 0 4807 4807 3170 295 1.3 • 5 • 1 • 0 5505 5506 7277 1478 5080 5080 8790 74/ 73 3878 • 1 1.4 1.7 1.0 . 4 • 3 • 2 • 2 • 2 • 1 • 1 • 0 •0 4614 4614 6880 71 1.3 • O • 0 4070 4070 5623 8018 701 69 1.1 1.5 . 4 • 0 <u>.</u> 2 3659 3659 4924 1.2 . 4 • 3 . 2 . 0 7276 58/ 67 1.1 _ 4 . 2 . 1 . 1 65 3276 3276 4212 6106 1.1 • 3 . 2 . 2 • 1 •0 56/ . 5 . 1 2978 2978 3862 4341 . 0 64/ 63 • 6 621 61 • 1 1.1 . 1 • 1 2877 2877 3339 3934 . 6 3343 2874 2874 6J/ 59 3351 . 3 2490 2490 3146 183 57 . 8 • 2 . 2 • 0 - 1 . 6 . 1 2413 2413 2942 2866 56/ 55 . 6 • 1 .0 54/ 53 • 3 2369 2369 2793 2544 • 2 • 3 • 6 • 1 2373 2373 2764 2455 52/ 51 • 0 2220 2220 2810 2455 50/ 49 • 3 • 0 . 7 . 6 48/ 47 2054 2656 2787 2468 2041 2040 2701 2549 46/ 45 . 6 • 5 . 2 • 0 • 0 1827 1831 2488 44/ 43 1640 1643 2373 2206 42/ 41 46/ 39 1443 1443 2136 2313 No. Obs. Element (X) = 67 F = 73 F - 80 F - 93 F Rei. Hum. 1 32 F Dry Bulb Wer Bulb Dew Paint

AC FORM 0.26-5 (OL.A) BENTED PREVIOUS EDITIONS OF THES FORM ARE OSCOUTS

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PSYCHROMETRIC SUMMARY

9:4 BERGSTROM AFB TX STATION NAME PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Paint (F) 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 33/ 37 •0 1316 1316 1835 2312 • 1 • 6 1062 1062 1649 2344 5/ 35 • 3 .0 957 • 0 907 1370 2097 34/ 33 • 0 805 805 1144 2083 31 886 1633 397 397 29 . 2 574 1363 25/ 25 136 136 421 1156 60 203 684 60 22/ 21 . 0 • 0 55 55 98 753 672 37 55 .0 36 . 0 15/ 17 11 32 514 386 14/ 13 296 180 95 15 5 13 13 21 1 2 -2/ -3 -4/ -5 -6/ -7 -6/ -9 3.020.520.613.810.0 8.1 5.7 5.8 4.5 3.2 1.9 1.2 B7633 37616 . 51 .0 .0 37616 **B761**6 Zz, No. Obs. Mean No. of Hours with Tomperature Element (X) 132 F -67 F -73 F - 80 F -93 F 181-48964-75730-51989-0 296-1 68.719.527 Rel. Hum. 446766561 6018045 87616 8760 5857967 Dry Bulb 414599185 66.816.206 87633 5251809 59.913.898 87616 342.45770.92007.9 32.7 8763 Wet Bulb 331723917 1.3 990.62811.3 567.6 8760 Dew Paint 286189436 4814096 54.915.729 87616

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68-70,72-8C

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PSYCHROMETRIC SUMMARY

STATION				5	TATION H	AME		_					_	ΥI	ARS					M	ONTH
																				HOURS	(L. S. T.)
Temp.						WET	BULB	TEMPER	ATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Builb	Dew Po
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Rel. Hum.												10		32 F	≥ 67	F 2	73 F	≥ 90 F	• 93	F	Tetel
Dry Bulb																					
Wet Bulb																					
Dew Paint																		1			

Services 1

AL CLIMATOLOGY PRANCH STREETAC ATT NEATHTH SERVICEZMAC

RELATIVE HUMIDITY

100 4 SPECSTHON AFR TX

69-73,73-53

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	Ţ		PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
JAN	.u+82	170.3	100.6	99.8	98.2	9.2.9	84.7	73.1	14.	26.7	79.	9.3
	7-05	1 10.6	100.5	99.7	98.3	94.5	87.0	76.8	6 8 . 7	31.4	80.6	93
	3 - 2	125.7	1 /0 • 0	100.0	98.5	94.1	37.2	77.9	(1.00	3.2 د	51.1	6.50
	2-11	1.30.0	49.3	98.4	72.2	31.1	7 .6	58.7	45.2	27.8	72.7	93%
	114	1 13.0	38.5	90.3	74.4	61.6	49.4	35.6	25.2	11.6	67.3	931
	15-17	1 0.7	27.	65.6	69.1	56.5	42.7	31.1	21.4	15.3	57.	93
	± ? - 2	1.0.7	99.9	96.2	87.6	76.1	61.6	46.0	32.0	14.8	67.2	93.
	. :-23	100.0	100.0	99.6	95.8	89.4	77.6	64.4	45.6	21.2	75.4	9 ?
		-							-	-		
				1								
fOi	TALS	1 1.0	49.4	96.3	89.3	6D.8	70.1	58.0	42.8	21.8	71.7	7439

USAFETAC FORM 0-87-5 (OL A)



617.1

TE AL CLIMATOLOGY HRANCH C RETAC AT CLATHIN SERVICE/MAC

RELATIVE HUMIDITY

TY BERGSTROM AFE TY

69-73,73-03

FFL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	1		MEAN	TOTAL
HTMOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
Fto	2-02	100.0	100.0	99.2	97.3	92.7	83.0	75.1	5 • 7	25.1	77.7	-45
	.3-05	150.2	170.0	99.5	97.9	93.1	86.2	77.5	61.2	20.9	87.6	8.45
	6-73	1,0.0	1-0.0	97.5	97.5	95.7	88	78.5	€4•2	34.5	51.E	845
	9-11	1.7.5	39	95.9	89.1	d ~ €	68.7	54.2	39.0	20.5	70.6	546
	1 ~ - 1 4	1 70.0	≎5.7	84.	71.7	57.7	49	29.3	15.7	11.3	56.7	546
	15-17	99.0	03.3	7.	54.2	46.5	32.5	24.2	13.5	2.2	51.7	046
	± d − 2	1	97.6	9.9	79.9	63.6	43.9	33.€	20.3	10.5	53.4	54t
	1-23	1.0.3	99.9	98.3	34.9	85.6	71.6	54.1:	36.8	17.7	71.7	646
				 	-	-	-	 	-	-	-	
		-									1	
TO	TALS	1 10.0	75.2	93.2	è6.6	76.9	65.1	52.7	30.1	19.6	6c.0	c763

USAFETAC FORM 0-87-5 (OL A)



7.7

THE ALL CLIMATELES Y REALCH CHATAG ATT ACATHER SERVICE/MAC

RELATIVE HUMIDITY

11 4 CERGSTROM AFT TX

09-75,73-

· * # #

STATION

STATION NAME

PERIOD

HTHON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	;		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF
MEL	. U-n-	1 7.7	1 - 3 - 3	99.6	97.6	92.8	81.4	63.8	47.1	1 c	75.1	3.7
	. : - 0 5	170.0	100.0	99.6	28.5	94.3	66.9	74.3	57.3	2.1.3	79.1	43.
	J 6 - C 8	1-0.7	100.0	90.5	93.7	94.2	35.7	74.7	5 7.:	23.3	7 = . 3	, , , c
	1,4-11	1:0.1	o 0. j	91.5	36.5	72.8	61.3	47.5		13	4.5 • 1	٦٠٠
	114	1 7.	05.4	32.2	57.2	55.7	37.7	25.9	1 3.4	3.3	52.3	-3.
	1 - 17	1	73.2	75.0	59.7	40.0	29.8	19.1	14	2.2	ar.	5.50
	20	1:0.2	97.7	£ = . 9	77.3	57.2	43.5	28.1	13.4	7.9	50.4	ζ, :
	1-23	1-0.0	39.9	98.4	93.8	31.4	66.7	53.8	31.8	6.8	68.8	93
	<u> </u>		-	<u> </u>	-						<u> </u>	
			_			 	ļ	 	 	 	.	
					 							
TOT	rals	1 .0.0	98.4	92.5	-4.4	72.9	61.6	48.7	74.5	11.7	66.1	7437

USAFETAC FORM 0-87-5 (OL A)

THE RESERVE THE PROPERTY OF TH

~**

DEUMAE CLIMATOLOUY GRANCH DEAFETAC AIN WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14974 BERGSTRUM AFB TX

59-73,73-83

ڊ ت**ا** ۾

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		100.0 99.9 99.6 98.6 95.6 89.9 79.9 60.8 10.8 100.0 100.0 100.0 99.2 97.3 92.7 86.6 65.1 27. 100.0 100.0 100.0 99.4 97.4 91.4 83.6 68.4 25. 100.0 99.8 97.8 92.2 79.7 68.3 53.4 32.9 7. 100.0 98.3 92.8 76.1 64.1 44.7 26.7 14.7 3. 1:0.0 97.3 87.1 73.0 55.5 37.9 21.1 10.2 2. 100.0 99.7 94.3 82.8 68.9 53.2 37.2 16.2 3.		MEAN	TOTAL						
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
4 <i>P</i> **	Jú-02	מ.פייב	9,9	99.6	98.6	95.6	89.9	79.9	6U.E	16.7	8 .]	9° L
	3-05	100.0	100.0	100.0	49.2	97.3	92.7	86.6	65.1	27.3	23.3	900
	∟ó-na	130.3	100.4	107.0	39.4	97.4	91.4	83.6	58.4	25.1	82.7	923
	U9-11	130.0	99.8	97.8	92.2	79.7	65.3	53.4	32.9	7.5	60.6	970
	114	100.0	98.3	92.0	76.i	64.1	44.7	26.7	17	3.1	57.5	91.3
	£5-17	1:0.0	97.8	87.1	73.0	55.5	37.9	21.1	10.2	2.9	53.9	509
	15-20	100.0	99.7	94.3	52.8	68.9	53.2	37.2	15.2	3.4	61.3	ن د ۹
	_1-23	130.0	99.7	99.7	97.2	9/1.7	77.7	62.6	41	° • 7	73.5	935
				 	 		 					
		-		 		+	-	+	 	 	 	
										 		
TO	TALS	1.0.0	99.5	96.4	39.4	51.1	67.5	56.4	59.1	12.0	71.1	7106

USAFETAC PORM 0-87-5 (OL A)

SECHAL CLIMATOLOGY FRANCH US AFETAC MENTATHER SERVICE/MAC

RELATIVE HUMIDITY

17494 BERESTROM AFE TX

69-70,73-93

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY (REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
» 4 Y	00-02	100.0	100.6	99.9	99.7	99.7	98.6	93.	72.9	26.5	85.	930
	3-05	170.0	190.6	180.5	99.7	99.7	99.1	96.3	93.4	35.2	67.6	43.
	87-6.	190.0	100.0	100.0	105.0	99.7	96.9	51.4	71.2	27.5	35.3	930
	.9-11	100.0	100.0	90.1	96.8	88.5	75.7	55.1	23.4	3.6	59.8	929
	12-14	100.0	79.3	97.1	39.2	74.4	46.8	21.4	9.3	1.1	59.4	931
	15-17	1.0.0	99.6	96.8	86.7	65.4	38.2	20.2	7.8	1.8	57.2	93.
	: 4-2	1:0.7	99.7	98.6	94.4	81.6	59.6	36.3	17.0	3.8	54.7	929
	21-23	100.0	99.9	99.8	99.5	98.1	92.3	75.4	44.3	10.6	77.4	930
			-	-	<u> </u>							
10	TALS	100.0	00.9	98.9	95.8	58.4	75.9	61.1	42.0	13.8	73.3	7438

USAFETAC PORM 0-87-5 (OL A)



77.

SELMAL CLIMATOLOGY ERANCH UPSEETAC AS FATHER SERVICE/MAC

RELATIVE HUMIDITY

139 4 LERGSTROM AFE TX

69-70,73-80

JUN.

STATION

STATION NAME

PERIOD

HTHON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	;		PERCENTA	GE FREQUENC	CY OF RELATIV	E HUMIDITY C	REATER THAN	I		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
Jer,	.a-a2	130.0	196.3	1611.0	2:3.8	99.9	98.0	92.3	65.9	14.4	32.6	900
	3-05	100.0	100.0	101.3	130.3	100.0	98.8	95.6	85.1	24.8	£6.4	900
	6-58	100.0	1 10.0	100.0	105.0	100.5	98.4	92.2	70.3	19.3	23.9	900
	, 9-11	10.0	100-6	153.6	98.9	91.6	67.0	33.1	10.3	2.4	65.8	900
	17-14	100.7	100.0	98.9	90.8	61.9	25.3	9.4	4.4	1.3	54.8	900
	is=17	100.2	190.0	97.9	85.2	45.9	19.4	8.0		1.4	51.4	9.70
	15-2.	1 0.0	196.0	99.2	93.2	70.4	39.9	20.0	7.6	1.9	55.8	9.70
	23	1 5.3	1 13.0	10%.3	99.8	97.3	86.8	61.3	30.1	5.7	73.5	900
	i ∳ 	1			-	-	-	-	 	-		
	TALS	100.0	100.0	99.5	95.7	83.4	66.7	51.5	34.7	9.9	69.7	7200

USAFETAC PORM 0-87-5 (OL A)



GLIHAL CLIMATOLOGY BRANCH BENTAC ATT KEATHER SERVICE/MAC

RELATIVE HUMIDITY

AMPS Company of the control of the c

ATR 4 BERGSTROM AFB TX

69-70,73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	CY OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
JJL	JU-02	100.0	170.0	100.0	188.8	99.4	92.0	75.4	41.2	4.2	75.7	930
	93-95	100.0	100.0	100.0	175.3	135.5	97.7	91.1	66.1	13.3	82.6	935
	36-08	120.2	100.0	100.0	100.0	99.6	96.7	87.7	59.2	12.9	81.2	930
	9-11	100.0	100.3	100.0	47.6	84.4	53.0	20.2	a.0	•5	61.8	930
	12-14	100.0	1 10.0	97.3	76.8	39.7	13.2	5.7	2.9	•1	49.2	93
	15-17	110.0	99.9	91.7	60.6	26.	11.1	4.7	2.6	•1	45.2	929
	16-20	150.0	100.0	95.9	77.8	49.7	26.2	12.6	5.1	•2	52.3	907
	_1-23	100.0	100.3	100.0	08.1	88.6	65.7	40.1	14.9	• 3	56.2	927
							 					
								 				
TO	TALS	1 0.2	100.6	98.1	88.9	73.4	57.C	42.2	24.2	4.0	64.4	7433

USAFETAC FORM 0-87-5 (OL



FRITAL CLIMATCLOUY ARANCH AFRIAC AIC WEATHER SERVICEZMAC

RELATIVE HUMIDITY

1/914 RERGSTROM AFB TX

69,72-85

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STATION

STATION NAME

PERIOD

HONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY O	REATER THAN	1		MEAN	TOTAL
HTMOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
A 16	0-00	190.0	100.0	100.0	100.0	99.7	96.3	84.9	47.1	11.6	79.5	937
	13-95	100.0	100.0	ian.o	130.0	100.0	99.7	95.7	71.6	22.8	84.8	930
	∪6-0â	100.0	100.0	100.0	100.6	100.0	99.9	94.6	71.0	24.1	84.8	930
	9-11	106.0	100.0	100.0	99.5	91.2	62.3	29.1	12.2	2.5	65.2	930
	12-14	1.5.5	100.0	99.6	85.1	40.8	14.9	7.4	4	•6	50.8	930
	15-17	1:0.0	170.0	96.9	64.8	28.3	14.9	8.1	3.3	• 3	47.3	93
	10-20	100.0	100.0	98.9	87.3	60.2	33.3	16.9	5.5	1.2	55.9	930
	21-23	100.0	100.0	100.0	99.5	95.2	77.1	48.1	22.2	3.4	70.2	930
τo	TALS	170.0	100.0	99.4	92.0	76.9	62.3	48.1	29.7	8.3	67.3	7440

USAFETAC FORM 0-87-5 (OL A)



LETRAL CLIMATOLOGY RRANCH LEAFETAC ATA WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12904 BERGSTROM AFE TX

60,72-83

SEP

STATION

STATION NAME

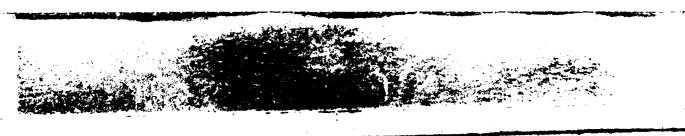
PERIOD

HTMON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
SEP	09-02	100.0	100.0	109.0	100.0	99.4	96.1	86.3	61.2	12.7	Ri • 2	900
	L3-05	100.0	100.0	160.0	100.0	99.9	99.8	91.7	73.9	23.0	84.5	9.70
	1.6-08	100.0	100.0	100.0	100.0	160.0	98.5	92.2	71.0	22.6	84.3	900
	J9-11	130.0	100.0	99.9	98.4	92.1	70.0	44.0	17.3	3.2	68.1	985
	12-14	100.0	100.0	98.1	oò•1	55.1	25.4	13.8	6.2	1.0	54.3	900
	15-17	1:0.0	99.3	96.3	77.2	40.9	24.6	13.2	6.9	1.0	51.4	900
	15-25	100.0	100.6	99.0	92.6	72.1	47.4	28.0	12.7	2.7	61.3	960
	21-23	130.0	100.0	100.3	99.8	96.4	85.4	63.4	31.1	5 • 3	73.5	920
·		-		-					<u> </u>			
		<u> </u>										
10	TALS	100.0	100.0	99.2	94.5	82.0	68.2	54.0	35.3	8.9	59.8	72.10

USAPETAC FORM 0-87-5 (OL A)



CELTAL CLEMATOLOGY BRANCH INSECTAC ASS WEATHOW SERVICE/MAC

RELATIVE HUMIDITY

17914 BERGSTROM AFB TX

69,72-80

oct

STATION

STATION NAME

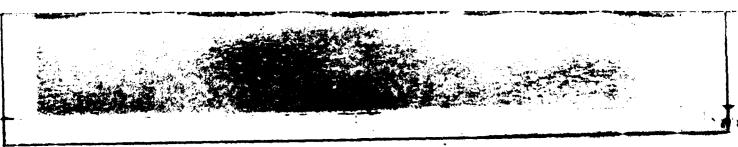
PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		_	PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	- RELATIVE HUMIDITY	NO. OF OBS.
7 T	uo-02	1:0.G	100.0	100.0	99.7	96.8	92.2	81.5	40.2	10.5	78.5	931
	03-05	100.0	100.0	100.0	99.6	98.2	94.1	87.1	59.8	20.6	81.8	930
	un-08	100.0	100.0	100.0	99.8	97.2	93.5	65.2	61.9	22.8	92.1	930
	9-11	100.0	100.0	98.8	92.5	80.5	60.0	38.4	20	6.7	65.4	970
	12-14	170.0	99.4	9 > 3	71.8	46.1	23.9	14.3	0.3	1.5	51.3	929
	15-17	1.70.7	98.4	84.2	61.4	36.	19.2	11.3	6.1	1.3	47.6	930
	19-25	100.0	190.5	97.8	88.0	67.4	42.8	24.3	11.7	2 • 8	57.3	930
	21-23	100.0	100.0	100.0	28.9	93.9	81.7	54.6	24.8	7.0	71.6	930
						-						
										-		
TO)TALS	100.0	99.7	96.4	89.0	77.G	63.4	49.6	29.8	9.2	67.2	7439

USAFETAC POIM 0-87-5 (OL A)



CLUTAL CLIMATOLOGY SPANCH CCAPETAC ALS NEATHER SERVICE/MAC

RELATIVE HUMIDITY

179 4 SERGSTROM AFE TX

69,72-80

NCV

STATION

STATION NAME

PERIOD

HTHOM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
NOV	00-02	100.0	130.0	99.7	99.0	95.3	89.6	77.6	55.1	17.8	79.3	500
	L3-05	100.0	100.0	99.6	98.6	96.4	92.7	81.7	63.9	26.4	31.2	900
	5-08	160.0	100.6	99.4	98.1	97.5	92.8	80.3	61.6	28.7	81.5	900
	.9-11	100.0	99.7	95.7	90.7	78.7	65.4	45.7	26.	9.2	67.1	900
	12-14	100.n	97.9	26.3	71.6	54.0	34.2	18.5	13.7	3.3	53.5	960
	15-17	140.0	96.7	83.8	67.8	48.8	29.2	16.3	7.1	3.3	51.2	905
	16-20	107.0	99.8	97.7	89.7	77.5	59.2	37.9	13.1	8 . 2	64.3	897
	21-23	100.0	100.6	99.7	97.9	93.3	32.6	66.2	3-3 - 6	11.4	74.7	897
τo	TALS	100.0	99.3	95.4	89.2	80.1	68.2	53.0	30.0	13.1	60.1	7194

USAFETAC POM 0-87-5 (OL A)



BLUMAL CLIMATOLOGY BRANCH UT AFETAC AT # WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13974 BERGSTROM AFB TX

68-69,72-79

SEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
DLC	LG-02	ם.מניב	100.0	99.6	98.3	91.6	79.4	64.4	41.9	17.7	75.0	927
	L3-05	100.0	100.0	100.0	99.5	95.3	86.1	71.3	49.3	21.8	77.9	-27
	n6-08	100.0	100.0	99.9	98.6	96.8	86.8	75.1	53.6	23.2	79.1	927
	U9-11	100.0	99.9	97.4	93.1	75.4	62.6	48.9	33.4	14.8	67.8	935
	12-14	100.0	97.8	86.3	63.4	49.2	35.6	25.2	15.9	7.7	53.8	933
	15-17	130.0	95.5	78.8	56.6	41.3	29.7	21.8	14.3	5.3	49.9	93.
	18-20	160.0	99.6	96.5	84.7	66.3	49.4	34.0	19.7	7.4	61.4	930
	21-23	100.0	100.5	99.1	96.2	85.3	70.0	53.0	33.3	12.4	76.7	928
		-				 	 	 	ļ	-		
τo	TALS	100.0	99.1	94.7	85.9	75.2	62.5	49.2	32.7	13.8	67.0	7429

USAFETAC

POM

0-87-5 (OL A)

RELATIVE HUMIDITY

179-4 BERGSTROM AFB TX

69-73,72-53

ALL

STATION

STATION NAME

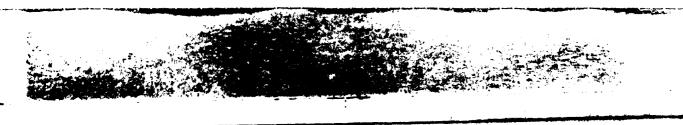
PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OAS.
JAħ.	ALL	1.00.0	09.4	96.3	89.3	80.8	70-1	58.0	42.8	21.8	71.7	7439
FEB		100.0	98.2	93.2	86.6	76.9	65.1	52.7	38.1	19.6	68.9	6768
MAP		100.3	98.2	92.5	84.4	72.9	61.6	48.7	32.8	11.0	66.5	7437
APR		130.0	99.5	96.4	89.4	81.1	69.5	56.4	39.1	12.3	70.1	7199
4 2 Y		100.0	99.9	98.9	95.8	88.4	75.9	61.1	42.C	13.8	73.3	7438
JUN		150.0	190.0	99.5	95.7	83.4	66.7	51.5	34.7	8.9	69.7	7200
JUL		100.0	100.0	98.1	88.9	73.4	57.0	42.2	24.8	4.5	64.4	7433
AUC		130.0	100.0	99.4	92.0	76.9	62.3	48.1	29.7	8.3	67.3	7440
SEP		100.0	100.0	99.2	94.5	82.C	68.2	54.7	35∙⊍	8.9	69.5	7200
OCT		100.0	99.7	96.4	89.0	77.0	63.4	49.6	29.8	9.2	67.2	7439
NOV		100.0	99.3	95.4	89.2	80.1	68.2	53.0	35.0	13.1	69.1	7194
DEC		100.0	99.1	94.7	85.9	75.2	62.5	49.2	32.7	13.8	67.0	7429
tot	TAL\$	100.0	99.4	96.7	90.1	79.G	65.9	52.0	34.7	12.0	68.7	87616

USAPETAC ROMM 0-87-5 (OL A)



MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13904

BERGSTROM AFB TX

68-70,72-80

STATION STATION NAME YEARS HRS. (L.S.T.) JAN. FEB. MAR. AUG. SEP. OCT. NOV. DEC. ANNUAL APR. MAY JUN. JUL. MEAN 55.2 77.0 47.5 72.6 43.4 62.0 68.1 74.1 77.6 62.9 46.4 61.7 S. D. 0-02 11.180 9.682 9.603 7.604 5.813 4.554 3.243 3.249 5.400 8.59710.96310.045 14.304 TOTAL OBS 930 846 930 900 930 900 930 930 900 93C 900 930 10956 MEAN 70.8 42.0 75.4 74.9 60.9 51.3 44.5 45.7 53.5 60.2 72.4 66.6 59.9 5. D. 3-ü5 .445 9.9261 0.290 8.325 6.325 4.853 2.614 2.871 5.733 9.10011.14210.480 14.399 TOTAL OB 846 930 930 900 900 930 930 900 930 900 10956 930 MEAN 74.0 75.6 50.6 41.0 44.9 53.0 71.1 43.7 60.7 68.0 76.7 61.1 60.1 S D 11.41710.14910.348 8.111 6.148 5.015 3.437 3.433 5.813 9.13311.09410.501 15.114 TOTAL OBS 930 900 930 900 930 846 930 900 930 900 930 930 10956 MEAN 70.7 46.2 51.8 60.2 67.9 75.3 82.1 85.4 84.6 79.5 58.5 50.9 67.8 4.338 8.93810.800 ~ S-11 S. D. 11.78310.749 9.898 6.882 5.737 5.003 4.417 6.210 9.777 15.753 TOTAL OBS 930 930 846 930 900 930 900 930 930 900 900 930 10956 MEAN 52.9 59.2 66.9 73.6 80.3 87.2 91.1 90.6 85.6 77.6 65.5 58.7 74.2 S. D. 13.29412.3741 0.717 9.45311.76910.534 12-14 7.088 6.193 5.681 5.234 4.876 6.631 15.672 TOTAL OBS 930 900 930 900 930 93C 900 929 900 10955 846 930 930 MEAN 55.0 91.8 61.9 69.3 88.6 86.6 78.9 60.3 75.8 75.5 81.6 92.8 66.5 15-17 S. D. 13.56512.826 1.001 7.040 6.422 5.987 6.013 5.548 6.987 9.24411.93810.680 15.585 TOTAL OBS 900 930 10955 930 930 930 900 930 930 846 899 900 930 MEAN 49.5 71.0 77.4 86.9 81.0 71.8 70.4 88.3 59.5 53.3 56.5 64.3 84.4 13-20 S.D. 11.48613.939 9.725 6.536 6.095 5.855 6.249 5.731 6.596 8.66710.626 9.287 15.506 TOTAL OBS 927 930 930 846 930 900 929 900 930 900 897 930 10949 MEAN 45.6 50.9 58.4 65.2 71.6 77.9 81.8 80.5 75.4 65.9 54.9 48.9 64.8 S. D. 10.852 9.578 8.926 6.670 5.568 4.851 4.593 4.053 5.690 8.44810.739 9.535 14.584 21-23 TOTAL OF 930 930 930 900 900 930 900 10950 MEAN 67.3 73.6 80.1 83.6 82.7 47.0 52.3 60.1 50.8 66.8 ALL S. D. 7.917 7.845 8.52711.16112.53011.670 12.82612.3401 .631 9.176 8.154 7.661 16.206 HOURS TOTAL OBS 7199 6768 7440 7439 7200 7434 7440 7200 7439 7194 87633

USAF ETAC FORM 0-89-5 (OL A)



MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13934

BERGSTROM AFB TX

68-70,72-80

STATION STATION NAME YFARS HRS (LS T.) JAN. FEB. MAR. APR. SEP. OCT. NOV. DEC. ANNUAL MAY JUN. JUL. AUG. MEAN 40.8 44.3 51.3 58.4 72.3 68.6 58.9 49.9 43.0 58.0 65.2 70.3 72.2 S. D. 10-02 11.408 9.85010.031 8.373 6.177 4.540 2.310 2.507 5.743 8.75511.16810.398 14.000 10953 TOTAL OBS 930 846 930 900 930 900 930 930 900 930 900 927 MEAN 39.7 43.1 50.2 57.4 64.2 69.6 71.6 67.7 57.7 48.5 57.C 71.5 41.7 S D 11.59410.16910.676 9.35711.33810.856 8.968 6.650 4.960 2.476 2.658 6.225 14.382 TOTAL OBS 933 846 930 900 10953 930 900 930 900 930 930 900 MEAN 38.8 42.5 49.8 57.6 65.1 70.5 72.5 72.2 67.9 57.9 47.9 57.1 S.D. 11.57210.34810.736 8.798 6.193 9.39811.33510.857 6-08 6.467 2.710 2.870 14.877 4.788 TOTAL OBS 900 930 900 10951 929 900 930 900 930 930 MEAN 53.7 71.6 63.0 45.8 42.3 46.8 61.3 68.2 73.3 75.0 75.3 60.8 9-11 5. D. 9.948 9.557 8.31710.571 9.885 11.456 7.346 5.675 3.956 2.281 2.219 5.342 14.849 900 930 930 846 928 900 929 930 900 930 900 930 10953 45.9 50.4 65.C 49.7 63.5 69.8 75.8 72.8 55.5 62.9 56.4 74.3 75.6 12-14 S D 11.484 9.834 9.034 6.897 5.595 3.979 2.315 2.200 4.864 7.83110.447 9.666 12.992 TOTAL OBS 10<u>955</u> 930 900 929 900 930 930 900 930 900 930 930 846 63.2 MEAN 57.2 63.9 75.4 72.5 50.2 46.9 51.5 75.2 74.3 75.3 64.9 55.7 7.34910.263 15-17 11.250 9.666 8.890 6.796 5.480 3.965 2.307 2.229 4.674 9.315 12.553 TOTAL OBS 930 10954 930 846 930 899 930 900 929 930 900 900 930 MEAN 61.2 44.3 49.0 55.1 62.3 68.7 73.1 74.1 74.3 70.8 62.3 52.9 46.8 9.380 2.300 2.363 7.54010.317 9.465 13.053 10.767 8.786 7.022 5.423 3.968 4.911 18-20 TOTAL OB 930 900 929 900 930 900 930 930 927 897 930 59.3 MEAN 46.4 52.9 60.0 66.8 71.6 73.0 73.0 69.3 60.3 50.8 44.6 5. D. 71-23 11.002 9.540 9.312 7.657 5.696 4.168 2.361 2.356 5.448 8.23110.863 9.989 13.553 TOTAL OR 930 846 930 900 930 900 927 930 900 930 897 10948 MEAN 53.3 60.5 67.3 73.7 59.9 72.1 73.7 70.2 61.3 ALL 5. D. 9.996 1.63510.328 8.140 6.286 4.646 2.801 2.884 5.775 8.82811.14110.566 13.898 **HOURS** 7194 7437 7200 7439 7199 7438 7433 7440 7439

USAF ETAC FORM 0-89-5 (OL A)



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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

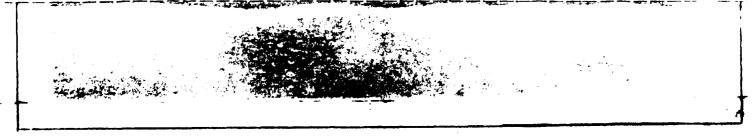
17904

BERGSTROM AFB TX

68-70,72-80

STATION			STA	ATION NAME						YEARS			-	
HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	36.9	40.4	47.3	55.5	63.4	68.5	69.6	70.0	66.4	55.9	46.6	38.4	55
.0-02	S. D.	13.706	2.030	12.196	10.417	7.085	5.196	3.018	3.124	6.755	10.023	12.942	12.745	15.6
	TOTAL OBS	930	846	930	930	930	900				930	900	927	179
		ļ												
	MEAN	36.1							1				-	54
∴ 3 - 05		13.797									ſ	1	12.966	15.9
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	927	109
	MEAN	35.2	39.3	46.4	55.2	63.3	68.8	70.4	70.7	66.1	55.4	44.9	37.3	5,4
6-08	S.D.	13.746					5.339	1	3.207			t .	12.966	16.3
0 43	TOTAL OBS	929	846							ı				109
	MEAN	36.9	41.2	47.5	56.3	64.2	69.2	70.4	71.3	67.7	57.8	46.6	39.6	5.5
° 9−11	S. D.	14.250	12.574	12.820	10.459	7.669	5.104	3.199	3.024	6.698	10.429	13.652	13.227	16.0
	TOTAL OBS	93]	846	928	900	929	900	930	930	900	930	900	930	169
	MEAN	77 /						100			<u> </u>	4.6		5.5
12-14		37.6 14.583				64.1	68.5		69.4 3.425				40.0 13.909	15.7
12-14	TOTAL OBS	930	846	930		930	900		930					105
				, , , ,		,,,,	700			,,,,				
	MEAN	37.8	41.C	46.8	55.8	64.1	67.8	67.5	68 • 1	65.5	55.8	46.1	39.2	54
15-17	S. D.	14.317	12.896	12.883	11.113	8.016	5.546	3.990	3.822	6.807	10.313	14.112	13.824	15.5
	TOTAL OBS	930	846	930	899	930	900	929	930	900	930	900	93.7	1 79
	MEAN	37.9	41.1	46.7	55.8	63.8	67.8	67.7	68.5	65.5	55.9	46.5	39.1	5.4
1 è-20	S. D.	13.593								6.666			13.139	15.2
	TOTAL OBS	930				929			ı					109
		/20	049	,,,,	,,,,	767	700	721	750	700	/ 30	071	,,,,	
	MEAN	37.7	41.2	47.4	56.0	63.9	68.5	68.9	69.5	66.1	56.2	46.7	39.1	5.5
21-23	5. D.	13.526	12.088	12.114	10.294			3.302	3.279	6.639	9.667	12.950	12.813	15.2
	TOTAL OBS	930	846	930	930	930	900	927	930	900	930	897	928	1.09
	MEAN	77 0	40.3	4.7.0	66.3		40 5	<u> </u>	(0 =				70 0	
ALL	S. D.	37.0			55.7						56.1			54
HOURS		13.965	12.453	L∠.6UU	10.032	7 5 9 2	3.352	3.605	5.504					15.7
	TOTAL OBS	7439	6768	7437	1199	<u> 7438</u>	7200	7433	7440	7200	7439	7194	7429	876

USAF ETAC FORM 0-89-5 (OL A)



U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

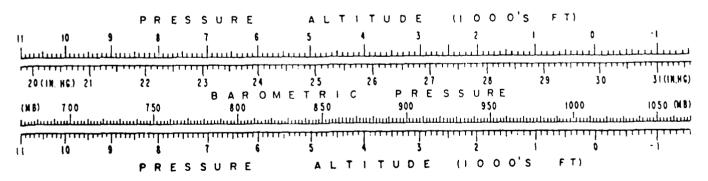
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



SEURAL CEIMATOLOGY BRANCH USAFETAC AIM AFATHER SERVIC /MAC

MEANS AND STANDARD DEV

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVA

1 4 BERCSTROM AFB TY 68-70,72-80
STATION STATION NAME

51	ATION			\$14	TION NAME						YEARS			
IRS.	151		JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	ОСТ	NOV	DEC
		MEAN	29.543	29.522	29.397	29.378	29.345	29.376	29.10	29.408	29.396	29.464	25.514	29.5
	C	S D	•2Ju	.196	.180	.159	.139	.1.1	.566	.370	96	.141	. 15.	• ،`
_		TOTAL OBS	310	2 = 2	310	300	313	300	310	310	350	310	07 د	نـــــ
		MEAN	29.533	29.510	29.380	29.360	29.324	29.364	29.403	29.400	29.386	29.455	29.504	29.5
-	,	SD	•20a	.194	.182	.163	.139	.102	.066	.071	.098	.143	.175	• 2
		TOTAL OBS	310	232	313	300	310	300	310	310	300	310	300	3
		MEAN	29.537											
	4	S D	•206	.196	.185	.162	.140	.100	.067	.071	.101	.145	.181	• 7
		TOTAL OBS	310	282	310	300	310	300	310	310	370	310	300	3
		MEAN	29.583	Г	29.437	29.414		_	1	į.	ſ	1		
	9	S. D.	.209)				1	1	l	1	I		
		TOTAL OBS	310	282	31	3:ე	310	300	310	313	3 7.0	31_	300	
		MEAN	29.572	29.553	29.422	29.398	29.361	29.396	29.431	29.427	29.416		29.535	
1	?	S D.	.208	.201	.186	.161	.142		• 063	•072	_			• 4
		TOTAL OBS	310	282	310	300	310	300	31 J	310	300	310	300	
		MEAN	29.494	29.471	29.347	29.338	29.309	_			1	T .	29.465	29.0
1	7	S. D.	•208	I.		_	.143		1	1	1			
		TOTAL OBS	310	292	310	300	310	300	310	310	300	310	370	
		MEAN	29.571	29.467	29.336	29.316	29.282	29.317	29.347	29.342	29.342	29.416	29.472	29.4
i,	4	S. D.	.208				1		1			_		• 2
-		TOTAL OBS	31.	282	310	300	310	300	309	310	300	310	299	
-		MEAN	29.534										29.512	
		5 D	•209					1	1	1	1			• 6
		TOTAL OBS	310	282	310	300	310	300	309	31C	300	310	299	
	_	MEAN	24.537	-	,	1						ľ		
	•	s c	• 239		.186			1				1		
	-	19.1AL Q85	4	2256	2487	24 10	2480	2400	2478	2480	2400	2480	2398	24

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LE PAL CLIMATOLOGY BRANCH LIAFETAC ATH MEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

EFRESTHOM AFE TX

68-70,72-80

STATION

STATION NAME

YEARS

4R5 (5T		JAN	FEB	MAR	APR	MAY	JUN	λυL	AUG	SEP	OCT	NOV	DEC .	ANNUAL
	MEAN	1026.5	1019.8	1.15.2	1514.4	1313.1	1 :14 . G	1015.2	015.1	1 14 . 8	1 .17.4	1619.3	1019.7	1015.5
۰	5 D				F				F				7.267	5.943
	TOTAL OBS	31		310										3051
										<u> </u>				
•	MEAN	1720.3	1.19.3	1014.6	013.8	1012.4	1013.6	1014.9	1014.8	1014.5	1017.0	1619.0	1019.3	1016.1
	5.0		6.854										7.31C	5.999
	TOTAL OBS	31 .ii												3652
														
Þv	MEAN	1320.4	1019.5	1015.1	1014.4	1013.0	1014.3	1015.6	1015.4	1014.9	1.17.6	1619.4	1019.4	1-15-6
	S D	7.323	6.920	6.539	5.693	4.894	3.537	2.393	2.553	3.545	5.157	6.408	7.418	5.97
	TOTAL OBS	31	282	316	300	310	300	310	31C	300	310	300	310	365.
,						· · · · · · · · · · · · · · · · · · ·								
	MEAN	1J21.	1321.0	1016.6	1015.7	1,14.2	1:15.2	1015.5	1016.4	1 16.1	1 19.1	1.23.9	1020.9	1017.
4	5 D	7.431	7.053	6.630	5.751	4.931	3.610	2.416	2.533	3.66	5.268	6.462	7.571	e.11
	TOTAL OBS	31	282	31-	3 0	309	300	310	310	370	313	300	310	365
	MEAN	1 21.6	1325.8	1015.1	1.15.1	1013.7	1514.8	1015.9	1615.6	1015.5	1015.1	1020.1	1020.3	1017.
À	S D	7.381	7.088	6.566	5.654	4.936	3.632	2.433	2.586	3.591	5.249	6.599	7.514	6.116
	TOTAL OBS	310	282	31C	300	309	300	31.	31	3 [. C	310	<u> 300</u>	31 .	
	MEAN	1.10.9	1318.0	1013.5	1013.1	1012.0	1013.0	1014.0	1013.6	1013.2	1015.8	1017.6	1017.7	1 15.
! * 	SD	7.393	6.985	6.512	5.573	4.956	3.588	2.447	2.618	3.501	5.193	6.563	7.436	5.96
	TOTAL OBS	310	282	310	300	310	300	31 0	310	3 C Q	310	300	310	
.8	MEAN	1019.1	1017.9	1013.1	1012.3	1010.9	1012.0	1012.9	1012.8	1012.9	1 115.7	1017.9	1018.1	1.14.
	S D	7.374	6.966	6.353	5.485	4.961	3.621	2.501	2.585	3.491	5.112	6.530	7.366	6.11
	TOTAL OBS	31	282	310	300	310	300	309	316	300	310	299	310	365
	MEAN												1019.3	1016.
1	S D	7.386	-									•	7.287	6.04
	TOTAL OBS	31.	282	310	300	310	300	309	310	300	310	299	310	365
ALL	MEAN												1019.3	1016.
HOURS	5 D												7.446	6.119
	TOTAL OBS	2480	2255	2480	2400	2478	2400	2478	2480	2400	2480	2398	2480	29205

USAF ETAC FORM 0-89-5 (OL A)



